



AGRICULTURAL MACHINERY



2013/2014



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AGRICULTURAL MACHINERY



Edition 2013/2014





Spare Parts

In our Agricultural Machinery catalogue we offer you an overview of selected parts and accessories for agricultural machinery applications. We offer a broader range of spare parts for agricultural machinery units than you will find in this catalogue.

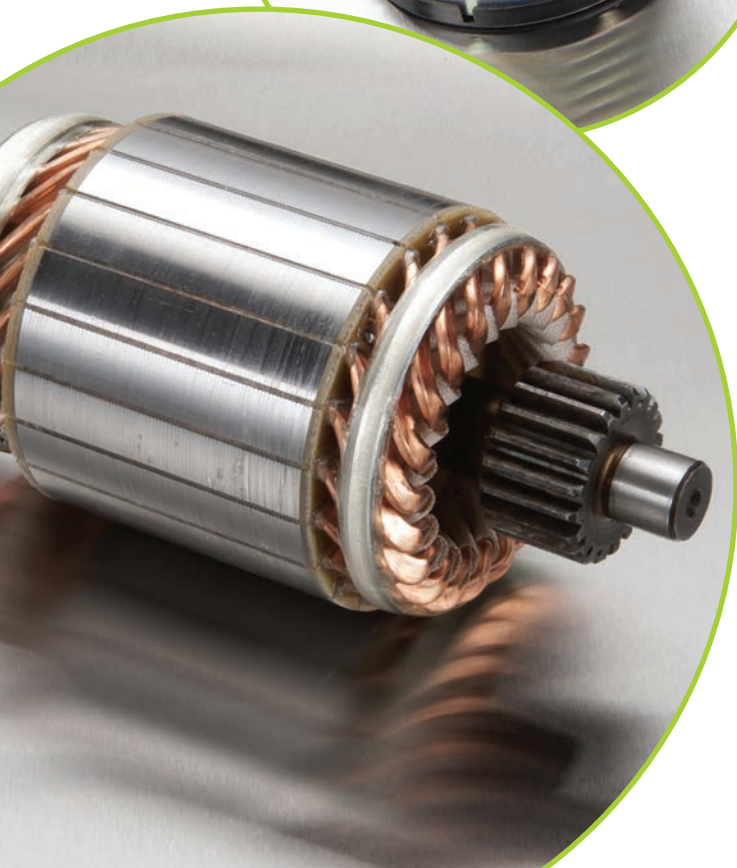
In our alternator and starter components catalogues we offer a comprehensive range of spare parts. We cover virtually all you require to get your vehicle running.

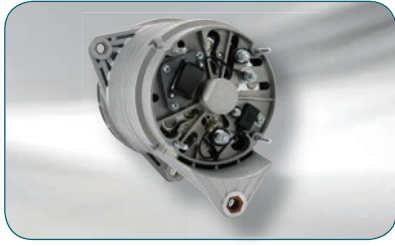
You will find all you need in:

- Rotors
- Stators
- Regulators
- Rectifiers
- Brush Sets
- Pulleys
- Drives/Clutches
- Solenoids
- Armatures
- Etc.

Our engineers test the spare parts thoroughly in terms of best interaction, perfect fit and easy installation, before the products are sourced. In this way, we continuously ensure high quality.

Our Spare Parts for Agricultural Starters and Alternators – All You Need





Our Product Range - Your Customer Satisfaction

Most spare part dealers offer only specialized programs. We have decided to have a broad product range to meet the demands of workshops in the best possible way. At HC-CARGO, you can get all products from a single source.

The HC-CARGO product range is broad in many ways. Firstly, it is broad in function as you will find all the electrical parts you need to repair vehicles. From spare parts for starters and alternators to the units themselves, A/C compressors, lighting products and many other auto-electrical spare parts.

Secondly, it is broad in applications. Whether for passenger cars, light- and heavy commercial vehicles, industrial, truck, trailers and busses, agricultural machinery, marine or sport- and outdoor equipment applications you will find the right product at HC-CARGO. The conventional workshop will find just as much as the big remanufacturer.

**For full program overview visit
hc-cargo.com**

You can easily find our complete and up-to-date spare parts program at our web-catalogue at:
www.hc-cargo.com

For full program overview visit
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ABBREVIATIONS:

AC=Air Condition, Alu=Aluminium, A=Ampere, AT=Automatic Transmission, Cat.=Catalyzer, Ch.=Chassis, Cyl.=Cylinder, CW=Clockwise rotation, Eur.=European application, FWD.=Front Wheel Drive, H=Height, HD=Heavy Duty construction, HP=Horse Power, ID=Inner Diameter, kW=Kilowatt, L=Length, LHD=Left Hand Drive, LL.=Lead Length, M=Minimum supply, MT=Manual Transmission, m=Metre, OD=Outer Diameter, O.E.=Original Equipment, PS=Power Steering, RHD=Right Hand Drive, Th.=Thickness, V=Volt, W=With, W/o=Without, W=Watt, 4WD.=Four Wheel Drive, []=Eng. no., 3(2)=Number of fixing holes-number in bracket represent threaded holes.

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Care is taken to ensure the accuracy of descriptions and applications of each item, but  assumes no responsibility for possible errors. O.E.M. names and numbers are used for reference purposes only.
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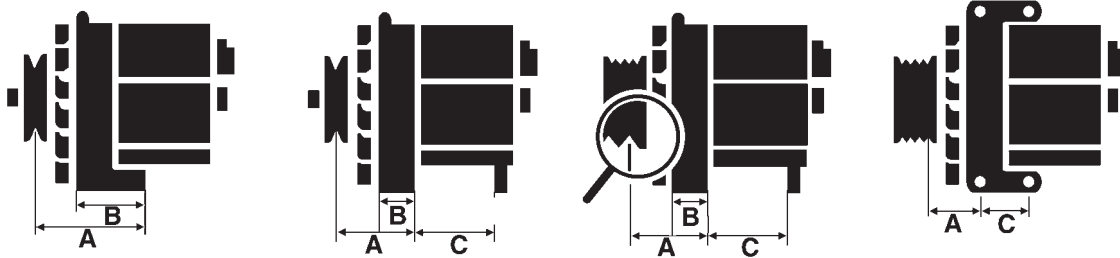
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Alternators

A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance



Threaded fixing holes

Remarks: Serpentine pulley

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110043 Alternator 28 V, 45 A

Replacing: 9120144119, 9120144118, 9120144114, 9120144111, 9120144105, 0120489702, 0120489192

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



110077 Alternator 14 V, 50 A

Replacing: 0120339525, 0120339524, 0120300531, 0120300530

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 78.50 **B:** 56.00 mm



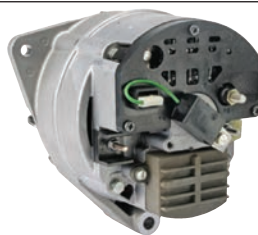
110105 Alternator 14 V, 55 A

Replacing: 0120489704, 0120489703, 0120488290, 0120488267, 0120488218, 0120300545, 0120300535, 0120300516

Servicing: John Deere

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 83.30 **B:** 56.00 mm

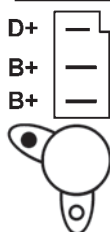


110117 Alternator 28 V, 40 A

Replacing: 0120489731

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

Position/B+ M6, **Pulley** w/o, **Fan** EF
B: 56.00 mm

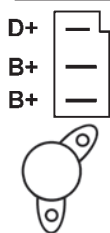


110178 Alternator 14 V, 36 A

Replacing: 9120331913, 9120331901, 9120331502, 0120389503, 0120389502, 0120339510, 0120339509, 0120339506

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF
B: 10.00 **C:** 87.00 mm

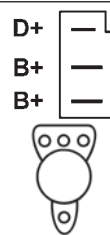


110360 Alternator 14 V, 45 A

Replacing: 9120080139, 9120080120, 9120080089, 9120080056, 0120489965, 0120489964, 0120489961, 0120489960

Servicing: Audi, Deutz-Fahr, VW

Position/B+ 9.40, **Pulley** w/o, **Fan** w/o
B: 56.00 mm



110497 Alternator 14 V, 70 A

Replacing: 9120690170

Servicing: Austin-Healey, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
w/ mounting bearing bracket for left and right engine side.

A: 41.50 **B:** 10.50 **C:** 84.00 mm



110641 Alternator 14 V, 33 A

Replacing: 0120339552, 0120339531, 0120339514, 0120300514

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.30 **B:** 56.00 mm



110761 Alternator 28 V, 35 A

Replacing: 0120489944, 0120488271

Servicing: Deutz-Fahr, MAN

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

Fan: Cargo 133875.

B: 80.00 mm



110766 Alternator 28 V, 27 A

Replacing: 0120489730, 0120489707, 0120489023, 0120488224, 0120400805, 0120400791, 0120400790, 0120400760

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Position/B+ M6, Terminal W, Pulley w/o, Fan EF

B: 56.00 mm



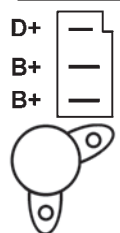
110801 Alternator 28 V, 45 A

Replacing: 0122469003, 0122469001

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Position/B+ 1/4" UNF, Terminal W, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm



110875 Alternator 14 V, 65 A

Replacing: 0120489936, 0120489935, 0120489751, 0120489750, 0120489749, 0120489748, 0120489243, 0120489242

Servicing: Ferrari, Fiat, Lancia, Mercedes-Benz, Zetor

Position/B+ Plug, Pulley P, Grooves 1, Fan EF

A: 77.25 B: 56.00 mm



110881 Alternator 14 V, 55 A

Replacing: 0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

Position/B+ M6, Terminal W, Pulley P, Grooves 2, Fan EF

A: 88.00 B: 56.00 mm



110882 Alternator 14 V, 45 A

Replacing: 0120489765, 0120489762, 0120489761, 0120489145, 0120489106

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, Pulley w/o, Fan w/o

B: 16.25 C: 63.00 mm



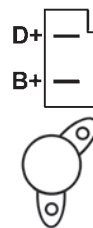
110890 Alternator 14 V, 55 A

Replacing: 9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, Pulley w/o, Fan w/o

B: 17.00 C: 63.00 mm



110899 Alternator 14 V, 33 A

Replacing: 0120300569, 0120300568, 0120300559, 0120300558, 0120300529, 0120300528

Servicing: Agrifull, DAF, Fiat, Volvo

Position/B+ Plug, Pulley P, Grooves 1, Fan EF

Regulator: Cargo 130675.

A: 48.45 B: 24.00 C: 74.00 mm



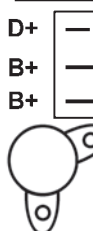
110912 Alternator 14 V, 55 A

Replacing: 9120144239, 9120144238, 9120144202, 9120144201, 0120489753, 0120489752, 0120489743, 0120489742

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

Position/B+ M6, Pulley P, Grooves 1, Fan EF

A: 44.50 B: 16.40 C: 66.00 mm



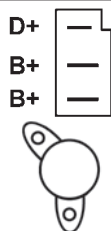
110971 Alternator 14 V, 65 A

Replacing: 0120489708

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, Terminal W, Pulley P, Grooves 1, Fan EF

A: 85.00 B: 56.00 mm



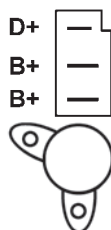
110972 Alternator 14 V, 65 A

Replacing: 0120489124, 0120489123, 0120489121

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 87.90 **B:** 56.00 mm



110975 Alternator 14 V, 65 A

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584

Servicing: Audi, Various Agriculture Vehicles, VW

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 82.85 **B:** 56.25 mm



111035 Alternator 14 V, 65 A

Replacing: 0120489188, 0120489187, 0120489186, 0120489126

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



111141 Alternator 14 V, 55 A

Replacing: 0120489757, 0120489726, 0120489725, 0120489315, 0120489032, 0120488282, 0120400700

Servicing: MAN, Mercedes-Benz

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



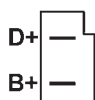
111168 Alternator 14 V, 55 A

Replacing: 0120489952, 0120489951, 0120489950, 0120489948, 0120489947, 0120489125, 0120489124, 0120489123

Servicing: Ferrari, Opel, Vauxhall

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 84.00 **B:** 56.00 mm



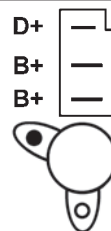
111180 Alternator 14 V, 33 A

Replacing: 0120339528, 0120339527, 0120339516, 0120339515

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.00 **B:** 25.00 **C:** 74.00 mm



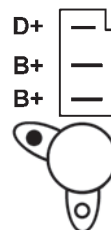
111289 Alternator 14 V, 70 A

Replacing: 9120331872, 9120331864, 9120331854, 0120489957, 0120489896, 0120489895, 0120489889, 0120489844

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



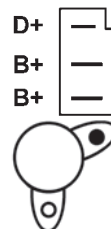
111355 Alternator 14 V, 65 A

Replacing: 0120489385, 0120489384, 0120489293

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 37.00 **B:** 11.50 **C:** 81.00 mm



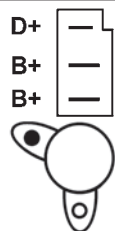
111356 Alternator 14 V, 55 A

Replacing: 0120488189

Servicing: Ford, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** SP, **Grooves** 3, **Fan** EF

A: 43.00 **B:** 10.80 **C:** 81.00 mm



111362 Alternator 14 V, 55 A

Replacing: 0120489345, 0120489290

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 34.50 **B:** 11.00 **C:** 81.00 mm



111369 Alternator 14 V, 90 A

Replacing: 9123369044, 0123335007, 0123335006, 0123335002, 0123320044

Servicing: Mercedes-Benz, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 92.00 **B:** 56.00 mm



111419 Alternator 28 V, 55 A

Replacing: 0120469890, 0120469634, 0120469549

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

Position/B+ M8, **Terminal** W, **Pulley** DP, **Grooves** 2, **Fan** EF

A: 50.00 **B:** 17.45 **C:** 63.00 mm



111528 Alternator 28 V, 55 A

Replacing: 0120469523

Servicing: Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 51.50 mm



111620 Alternator 14 V, 65 A

Replacing: 0120489824, 0120489823, 0120489319, 0120489318, 0120489307, 0120489273, 0120489272, 0120488254

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia, Various Agriculture Vehicles

Position/B+ M6, **Pulley** SP, **Grooves** 5, **Fan** EF

A: 47.75 **B:** 16.30 **C:** 63.00 mm



111649 Alternator 14 V, 33 A

Replacing: 0120400775, 0120339545, 0120339544, 0120339543, 0120339513, 0120339512, 0120339511, 0120300562

Servicing: Claas, Eicher, John Deere, Lamborghini, Same

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.00 **B:** 56.00 mm



111662 Alternator 14 V, 33 A

Replacing: 0120339536, 0120339521

Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



111686 Alternator 14 V, 65 A

Replacing: 0120489338, 0120489219, 0120489212, 0120489153, 0120489152, 0120489136, 0120489018, 0120488251

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.50 **B:** 17.00 **C:** 64.50 mm



111833 Alternator 28 V, 140 A

Replacing: 0120689587, 0120689574, 0120689571, 0120689535, 0120689530

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B- M8. Shaft 30 mm. Heavy duty type: Cargo 113589. 180 A.

B: 15.70 **C:** 180.00 mm



111843 Alternator 14 V, 95 A

Replacing: F005A00024, 9120060041, 6033G2019B, 0120484218, 0120484050, 0120484026, 0120484018, 0120484011

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** w/o

B- M8.

A: 74.60 **B:** 51.00 mm



111888 Alternator 14 V, 65 A

Replacing: F005A00023, 0120489475, 0120488293, 0120488205

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 81.00 **B:** 50.60 mm



111978 Alternator 14 V, 120 A

Replacing: 6033GB2009, 0120484021, 0120484015

Servicing: Claas, Fendt

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



112038 Alternator 28 V, 100 A

Replacing: 0120468066

Servicing: Timberjack

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 56.00 mm



112046 Alternator 14 V, 95 A

Replacing: 0120484001

Servicing: Deutz-Fahr, Iveco

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



112062 Alternator 14 V, 115 A

Replacing: 0124515126, 0123512500

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



112097 Alternator 28 V, 30 A

Replacing: 0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639, 0120489638, 0120489612

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112098 Alternator 14 V, 65 A

Replacing: 0120489711, 0120489710, 0120489294, 0120489022, 0120488233, 0120488138, 0120488134, 0120400845

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 77.00 **B:** 56.00 mm



112170 Alternator 28 V, 50 A

Replacing: 0120489481, 0120489071, 0120488294, 0120488206

Servicing: Case, Komatsu

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

Dust proof.

B: 51.00 mm



112194 Alternator 14 V, 120 A

Replacing: 0123545004, 0123540004, 0123540003, 0123540002, 0123510023, 0123510002, 0123500001, 0120465015

Servicing: Dodge, Mercedes-Benz, Ssangyong, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 82.20 **B:** 56.00 mm



112196 Alternator 14 V, 143 A

Replacing: 0124615053, 0123510075, 0123510074, 0123510060

Servicing: Fendt

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



112310 Alternator 14 V, 55 A

Replacing: 0120489533

Servicing: BMW, Volvo BM

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 74.00 **B:** 50.70 mm



112493 Alternator 28 V, 65 A
Replacing: 0120468147, 0120468054
Servicing: Case
Position/B+ M12, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 14.00 **C:** 100.00 mm



112529 Alternator 14 V, 90 A
Replacing: 0123335003, 0123320061, 0123320045, 0123320010, 0123315501
Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF
A: 92.00 **B:** 56.10 mm



112736 Alternator 14 V, 65 A
Replacing: 0120489756
Servicing: Deutz-Fahr, Fahr, Iveco
Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 76.50 **B:** 56.10 mm



112742 Alternator 14 V, 90 A
Replacing: 0120469749, 0120469522, 0120469507
Servicing: Valtra, Volvo, Volvo BM
Position/B+ M8, **Terminal** W, **Pulley** DP, **Grooves** 2, **Fan** w/o
A: 72.50 **B:** 51.00 mm



112747 Alternator 28 V, 55 A
Replacing: 0120469772, 0120469585, 0120469521, 0120469520, 0120469519, 0120469102, 0120469030, 0120469008
Servicing: Deutz-Fahr, Ford, Iveco, KHD
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 56.00 mm



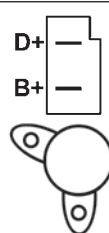
112768 Alternator 14 V, 55 A
Replacing: 0120489457, 0120489402, 0120489019, 0120488195, 0120488194
Servicing: Alfa Romeo, Goldoni
Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 45.00 **B:** 17.00 **C:** 70.00 mm



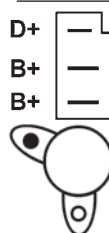
112773 Alternator 14 V, 135 A
Replacing: 0120468055
Servicing: Case, Cummins, John Deere, New Holland
Position/B+ 7/16" UNC, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 14.22 **C:** 100.00 mm



113290 Alternator 14 V, 95 A
Replacing: 0120484024, 0120484022
Servicing: Fendt
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** w/o
B: 80.00 mm



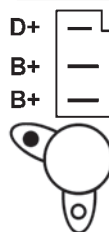
113469 Alternator 14 V, 33 A
Replacing: 0120339526
Servicing: Marshall, Steyr
Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF
Dust proof.
A: 75.50 **B:** 55.90 mm



113474 Alternator 14 V, 65 A
Replacing: 9124476014
Servicing: Austin, Landini, Massey Ferguson, Rover
Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 35.90 **B:** 11.00 **C:** 82.55 mm



113531 Alternator 14 V, 120 A
Replacing: F005A00025, 9120060042, 1020484017, 0120484019, 0120484017, 0120484012
Servicing: John Deere
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** w/o
B: 56.20 mm



113574 Alternator 14 V, 65 A
Replacing: 0120489959, 0120489958
Servicing: Case, New Holland, Valtra
Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 36.85 **B:** 10.40 **C:** 83.00 mm



113611 Alternator 14 V, 90 A

Replacing: 0120469895, 0120469687, 0120469540, 0120469526, 0120469506, 0120469013

Servicing: Claas, Mercedes-Benz

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 81.30 mm



113632 Alternator 14 V, 85 A

Replacing: 012060040, 0120489317, 0120489156, 0120488217, 0120484020, 0120484016, 0120484003, 0120484002

Servicing: John Deere, Lada

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 56.10 mm



113707 Alternator 14 V, 200 A

Replacing: 0124625031

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



113895 Alternator 28 V, 80 A

Replacing: 6033GB3045

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



113899 Alternator 14 V, 150 A

Replacing: 0124615029, 0123515502

Servicing: John Deere

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** IF

A: 86.00 **B:** 56.00 mm



113949 Alternator 14 V, 150 A

Replacing: 0123515503, 0123515501, 0123515500

Servicing: Claas, John Deere

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 56.00 mm

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114211 Alternator 14 V, 200 A

Replacing: 0124625030, 0124625029

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



114365 Alternator 28 V, 140 A

Replacing: 0120689553

Servicing: Deutz-Fahr, KHD, MAN

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 15.00 **C:** 180.00 mm



114379 Alternator 14 V, 150 A

Replacing: 0124615043

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF, Not Insulated return

B: 56.30 mm

NEW PRODUCT
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114466 Alternator 14 V, 55 A

Replacing: 0124120001

Servicing: VM Motori

Position/B+ M6, **Pulley** DP, **Grooves** 2, **Fan** IF

A: 42.50 **B:** 18.00 **C:** 67.50 mm

NEW PRODUCT
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114681 Alternator 14 V, 90 A

Replacing: 0124325166

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF, Not Insulated return

B: 56.00 mm



110043 Alternator 28 V, 45 A

Replacing: 858772Z

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



110077 Alternator 14 V, 50 A

Replacing: 860150, 858885

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 78.50 **B:** 56.00 mm



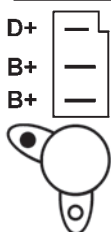
110643 Alternator 28 V, 40 A

Replacing: LNA4024/8, LNA4024/0, A4024/15, A302413, A3024/33, A3024/30, A3024/13, 859673, 859385, 857606

Servicing: Butec, Various Agriculture Vehicles

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 75.90 mm



110968 Alternator 14 V, 70 A

Replacing: 858787

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm

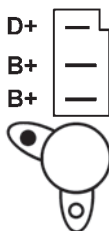


111296 Alternator 28 V, 55 A

Replacing: A5524/49, A5524/39, 858619, 857645, 857623, 857601

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o, Insulated return

B: 76.00 mm



111355 Alternator 14 V, 65 A

Replacing: 858776

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 37.00 **B:** 11.50 **C:** 81.00 mm



112493 Alternator 28 V, 65 A

Replacing: 860568

Servicing: Case

Position/B+ M12, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 14.00 **C:** 100.00 mm



110043 Alternator 28 V, 45 A

Replacing: 2998056

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



111810 Alternator 14 V, 60 A

Replacing: 1268030

Position/B+ 1/4" UNF, **Pulley** w/o,

Fan EF, Insulated return

Shaft dia. 19.00 mm.

B: 76.10 mm



111833 Alternator 28 V, 140 A

Replacing: 1277670

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B- M8. Shaft 30 mm. Heavy duty type: Cargo 113589. 180 A.

B: 15.70 **C:** 180.00 mm



112097 Alternator 28 V, 30 A

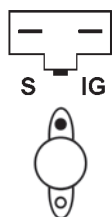
Replacing: 2998230

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1,

Fan w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm

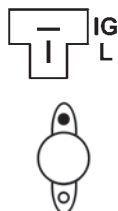


110445 Alternator 14 V, 90 A

Replacing: 100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280

Servicing: John Deere

Position/B+ M6, **Pulley** w/o, **Fan** EF
B: 51.00 mm



110620 Alternator 14 V, 35 A

Replacing: 100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660

Servicing: Kubota, Various Agriculture Vehicles

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF
A: 44.00 B: 23.50 mm



110801 Alternator 28 V, 45 A

Replacing: 100211-0860

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Position/B+ 1/4" UNF, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 14.80 C: 100.00 mm



110882 Alternator 14 V, 45 A

Replacing: 021000-0320

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 16.25 C: 63.00 mm



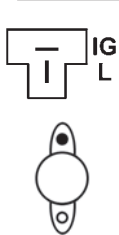
111042 Alternator 14 V, 35 A

Replacing: 021000-6980

Servicing: Iseki, Mitsubishi

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 42.50 B: 12.10 C: 66.90 mm



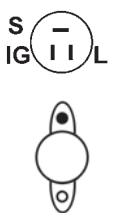
111048 Alternator 14 V, 40 A

Replacing: 101211-2480, 101211-1230, 101211-1180, 100211-4690, 100211-4680, 100211-4670, 100211-4660

Servicing: Daihatsu, Iseki, Kubota, Piaggio

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.00 B: 24.00 mm



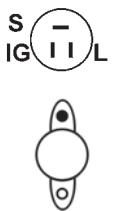
111215 Alternator 14 V, 120 A

Replacing: 100211-6051, 100211-6050, 100211-6031, 100211-6030

Servicing: John Deere

Position/B+ M8, **Pulley** DP, **Grooves** 2, **Fan** IF

A: 94.60 B: 57.65 mm



111830 Alternator 14 V, 140 A

Replacing: 100211-6420

Servicing: John Deere

Position/B+ M8, **Pulley** SP, **Grooves** 8, **Fan** IF

A: 90.50 B: 58.00 mm



113699 Alternator 14 V, 40 A

Replacing: 101211-1200

Servicing: Iseki

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 41.50 B: 24.00 mm



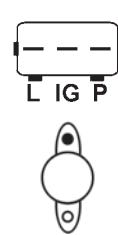
113700# Alternator 14 V, 50 A

Replacing: 101211-3180

Servicing: Iseki

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 41.50 B: 24.00 mm



113742 Alternator 14 V, 40 A

Replacing: 101211-1380, 101211-1170

Servicing: John Deere, Yanmar

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.00 B: 24.40 mm



113763 Alternator 14 V, 85 A

Replacing: 102211-8181, 102211-8180, 102211-8171, 102211-8170, 102211-8161, 102211-8160

Servicing: JCB, Land Rover

Position/B+ M6, **Terminal** W, **Pulley** w/o
C: 82.00 mm



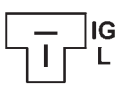
113856 Alternator 14 V, 40 A

Replacing: 101211-2963, 101211-2962, 101211-2961, 101211-2960, 100211-4730

Servicing: Kubota, Steiner

Position/B+ M6, **Pulley** w/o, **Fan** IF

B: 24.20 mm



113921 Alternator 14 V, 40 A

Replacing: 101211-1360, 100211-4771, 100211-4770, 100211-4740, 100211-4650, 100211-4610, 100211-4520

Servicing: Daihatsu, Iseki, Kubota, Piaggio

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.50 **B:** 24.00 mm



113975 Alternator 14 V, 150 A

Replacing: 104210-3921, 104210-3920

Servicing: John Deere

Position/B+ M6, **Pulley** SP, **Grooves** 8,

B: 58.00 **C:** 0.00 mm



114191 Alternator 14 V, 90 A

Replacing: 102211-9090

Servicing: Case

Position/B+ M8x1.25, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 74.80 **B:** 51.00 mm



114218 Alternator 14 V, 55 A

Replacing: 101211-2310, 101211-2240

Servicing: Caterpillar

Position/B+ M6, **Pulley** DP, **Grooves** 2, **Fan** F/IF

A: 95.00 **B:** 57.00 mm



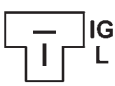
114263 Alternator 14 V, 50 A

Replacing: 101211-3410

Servicing: John Deere

Position/B+ M6, **Pulley** SP, **Grooves** 1, Not Insulated return

A: 44.00 **B:** 21.10 mm



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114515 Alternator 14 V, 45 A

Replacing: 100211-6780

Servicing: Kubota

Pulley DP, **Grooves** 2, **Fan** IF

B: 24.00 mm



NEW PRODUCT
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114518 alternator 14 V, 55 A

Replacing: 101211-2951, 101211-2950

Servicing: Case, John Deere

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.00 **B:** 21.00 mm

NEW PRODUCT
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114679 Alternator 14 V, 35 A

Replacing: 101211-1242, 101211-1240

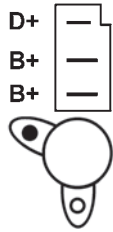
Pulley P, **Grooves** 1, **Fan** IF

NEW PRODUCT
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114683 Alternator 28 V, 80 A

Replacing: 101211-8271, 101211-8270

Pulley DP, **Grooves** 2, **Fan** EF

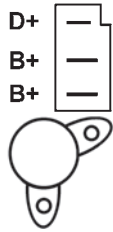


110178 Alternator 14 V, 36 A

Replacing: 516011

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, Pulley w/o, Fan EF
B: 10.00 C: 87.00 mm



110971 Alternator 14 V, 65 A

Replacing: 7530

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, Terminal W, Pulley P, Grooves 1, Fan EF
A: 85.00 B: 56.00 mm



112768 Alternator 14 V, 55 A

Replacing: 451013

Servicing: Alfa Romeo, Goldoni

Position/B+ M6, Terminal W, Pulley P, Grooves 1, Fan EF
A: 45.00 B: 17.00 C: 70.00 mm



110611 Alternator 14 V, 44 A

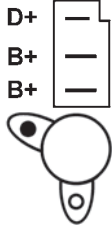
Replacing: A124N, 3370000

Servicing: Allis Chalmers, Fiat, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 130613.

A: 46.00 **B:** 17.00 **C:** 61.00 mm



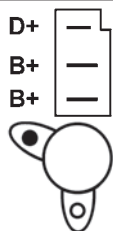
110968 Alternator 14 V, 70 A

Replacing: ALT2N-14

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



110178 Alternator 14 V, 36 A

Replacing: ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF

B: 10.00 **C:** 87.00 mm



110611 Alternator 14 V, 44 A

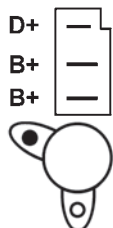
Replacing: ALB40-86, ALB40-68

Servicing: Allis Chalmers, Fiat, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 130613.

A: 46.00 **B:** 17.00 **C:** 61.00 mm



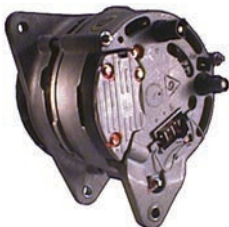
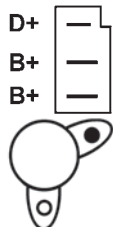
110968 Alternator 14 V, 70 A

Replacing: ALT12N-2, ALT12N-13, ALF12-18

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



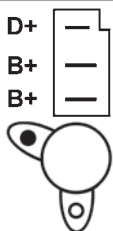
110969 Alternator 14 V, 65 A

Replacing: ALP12N-1

Servicing: Land Rover, Various Agriculture Vehicles

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 38.00 **B:** 11.00 **C:** 82.00 mm



111289 Alternator 14 V, 70 A

Replacing: ALS12N-75, ALS12N-72, ALS12N-51

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



110170 Alternator 14 V, 72 A

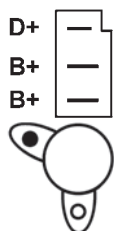
Replacing: D7NN10300B

Servicing: Ford

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 131175.

A: 74.75 **B:** 51.25 mm



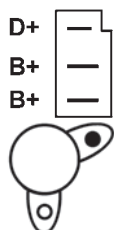
110178 Alternator 14 V, 36 A

Replacing: 77FB10300FB, 77FB10300FA, 76BB10300ED, 74DB10436A, 69EB10346AD, 5003897, 1537179, 1504563

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF

B: 10.00 **C:** 87.00 mm



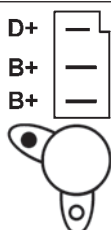
110179 Alternator 14 V, 36 A

Replacing: 86BB10300DB, 86AB10300DA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

Position/B+ Plug, **Pulley** w/o, **Fan** EF
For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.75 **C:** 88.00 mm



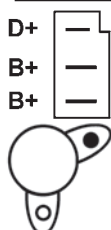
110770 Alternator 14 V, 55 A

Replacing: 873F10300BA, 86VB10300AA

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 11.20 **C:** 82.00 mm



111184 Alternator 14 V, 43 A

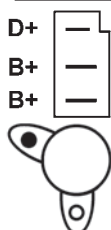
Replacing: 5010556

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Pulley w/o, **Fan** IF

For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.85 **C:** 81.00 mm



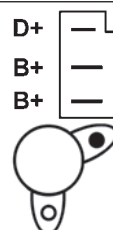
111289 Alternator 14 V, 70 A

Replacing: R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GA, 89AB10300EA, 86AB10300DB

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



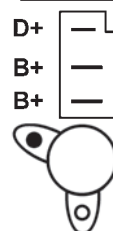
111356 Alternator 14 V, 55 A

Replacing: R89FX10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 6181359

Servicing: Ford, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** SP, **Grooves** 3, **Fan** EF

A: 43.00 **B:** 10.80 **C:** 81.00 mm



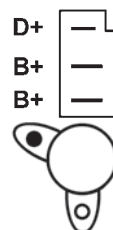
111362 Alternator 14 V, 55 A

Replacing: R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AB10300EB, 85BB10300DA, 83BB10300HA

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 34.50 **B:** 11.00 **C:** 81.00 mm



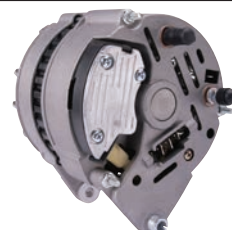
111739 Alternator 14 V, 55 A

Replacing: F0NN10B376AB

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** w/o, **Fan** EF
w/ battery sensor terminal.

B: 11.40 **C:** 82.30 mm



111740 Alternator 14 V, 70 A

Replacing: E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA

Servicing: Ford

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
w/ battery sensor terminal.

A: 35.50 **B:** 11.30 **C:** 82.70 mm



B+ D+ W



112718 Alternator 14 V, 100 A

Replacing: F2NN10B376AA, F0NN10B376BB

Servicing: Ford, New Holland

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 32.00 **B:** 14.00 **C:** 83.80 mm



112747 Alternator 28 V, 55 A

Replacing: 83DB10346AA, 1620918

Servicing: Deutz-Fahr, Ford, Iveco, KHD

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



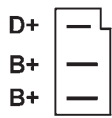
113562 Alternator 14 V, 40 A

Replacing: SBA185046320

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 42.00 **B:** 12.90 **C:** 81.50 mm



113574 Alternator 14 V, 65 A

Replacing: 81DB10300BA, 6173461

Servicing: Case, New Holland, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.85 **B:** 10.40 **C:** 83.00 mm



113621 Alternator 14 V, 115 A

Replacing: 1C1T10300BB

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 33.55 **B:** 14.10 **C:** 83.35 mm



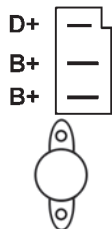
113623 Alternator 14 V, 70 A

Replacing: F2NN10B376CA, F2NN10B376BA, F0NN10B376AA

Servicing: Ford, Honda

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 12.00 **C:** 82.60 mm

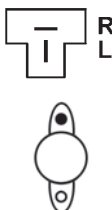


110107 Alternator 14 V, 55 A

Replacing: LR150-191, LR150-190

Servicing: Massey Ferguson

Position/B+ 6.30, **Pulley** w/o, **Fan** w/o
B: 27.00 mm



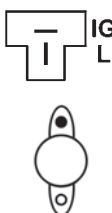
110448 Alternator 28 V, 20 A

Replacing: LR220-24, LR220-23

Servicing: Mitsubishi, Various Agriculture Vehicles

Position/B+ M5, **Pulley** P, **Grooves** 1, **Fan** EF

A: 44.50 **B:** 13.50 **C:** 81.30 mm



113401 Alternator 14 V, 40 A

Replacing: LR140-727, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719, LR140-716

Servicing: John Deere, Kubota, Yanmar

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 41.50 **B:** 19.80 **C:** 67.20 mm

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114671 Alternator 14 V, 120 A

Replacing: LR1190-912

Pulley w/o, **Fan** IF



110043 Alternator 28 V, 45 A

Replacing: AAK3117, 11.201.807

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



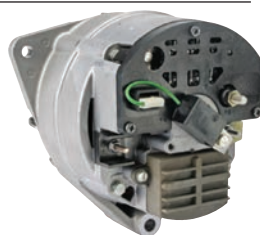
110105 Alternator 14 V, 55 A

Replacing: AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.592, 11.201.453

Servicing: John Deere

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 83.30 **B:** 56.00 mm



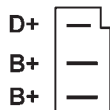
110117 Alternator 28 V, 40 A

Replacing: AAK1854, 11.209.447

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

Position/B+ M6, **Pulley** w/o, **Fan** EF

B: 56.00 mm



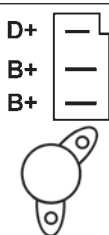
110178 Alternator 14 V, 36 A

Replacing: AAK4116, AAG1111, 11.201.272, 11.201.067

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF

B: 10.00 **C:** 87.00 mm



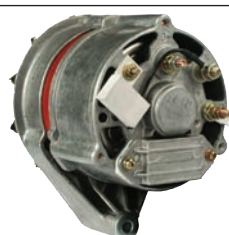
110360 Alternator 14 V, 45 A

Replacing: AAK3501, AAK1139, AAK1105, 11.201.601

Servicing: Audi, Deutz-Fahr, VW

Position/B+ 9.40, **Pulley** w/o, **Fan** w/o

B: 56.00 mm



110641 Alternator 14 V, 33 A

Replacing: AAG1328, AAG1315, AAG1311, AAG1301, 11.201.372, 11.201.096, 11.201.027

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.30 **B:** 56.00 mm



110761 Alternator 28 V, 35 A

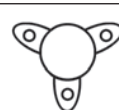
Replacing: AAK3557, AAK1134, 11.201.635

Servicing: Deutz-Fahr, MAN

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

Fan: Cargo 133875.

B: 80.00 mm



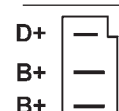
110766 Alternator 28 V, 27 A

Replacing: AAK4509, AAK1352, AAK1204, AAK1167, AAK1115, AAK1113, AAK1109, 11.201.574, 11.201.557, 11.201.186

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



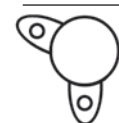
110770 Alternator 14 V, 55 A

Replacing: AAK4574, AAK4568, 11.201.728, 11.201.707

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 11.20 **C:** 82.00 mm



110881 Alternator 14 V, 55 A

Replacing: AAK4349, AAK3579, AAK1189, 11.203.405, 11.201.512, 11.201.511, 11.201.478, 11.201.226

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 2, **Fan** EF

A: 88.00 **B:** 56.00 mm



110882 Alternator 14 V, 45 A

Replacing: AAK4162, AAK3197, 11.209.443, 11.201.336, 11.201.070

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 16.25 **C:** 63.00 mm

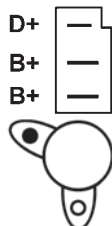


110890 Alternator 14 V, 55 A

Replacing: AAK4140, AAK3560, AAK1135, 11.201.457, 11.201.306, 11.201.242, 11.201.112

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 17.00 **C:** 63.00 mm



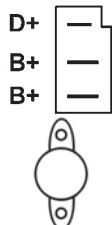
110968 Alternator 14 V, 70 A

Replacing: AAK1333, AAK1133, 11.201.470

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



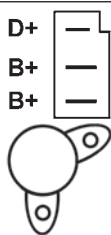
110970 Alternator 14 V, 65 A

Replacing: AAG1310, 11.201.095

Servicing: Massey Ferguson

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 58.00 **B:** 27.10 mm



110971 Alternator 14 V, 65 A

Replacing: AAK4503, AAK4192, 11.201.544, 11.201.390

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 85.00 **B:** 56.00 mm



111035 Alternator 14 V, 65 A

Replacing: AAK3538, AAK3529, AAK1175, AAK1172, AAK1171, AAK1163, AAK1123, AAG0403, 11.201.432, 11.201.405

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



111141 Alternator 14 V, 55 A

Replacing: AAK4549, AAK1301, AAK1130, 11.201.685, 11.201.102, 11.201.097

Servicing: MAN, Mercedes-Benz

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



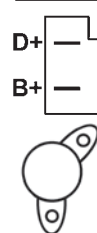
111168 Alternator 14 V, 55 A

Replacing: AAK4133, AAK3129, 11.201.927, 11.201.299

Servicing: Ferrari, Opel, Vauxhall

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 84.00 **B:** 56.00 mm



111180 Alternator 14 V, 33 A

Replacing: AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.00 **B:** 25.00 **C:** 74.00 mm



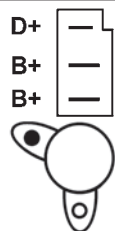
111215 Alternator 14 V, 120 A

Replacing: AAK5197, 11.201.989

Servicing: John Deere

Position/B+ M8, **Pulley** DP, **Grooves** 2, **Fan** IF

A: 94.60 **B:** 57.65 mm



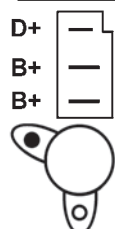
111289 Alternator 14 V, 70 A

Replacing: AAK4524, AAK4520, AAK4519, AAK4513, AAK4135, AAK3590, AAK1358, AAK1114, 11.201.676, 11.201.579

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 35.00 **B:** 12.50 **C:** 80.00 mm



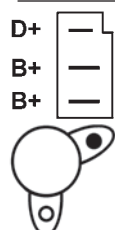
111355 Alternator 14 V, 65 A

Replacing: AAK4598, AAK4523, AAK3369, AAK3312, 11.203.097, 11.201.876, 11.201.810, 11.201.578

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 37.00 **B:** 11.50 **C:** 81.00 mm



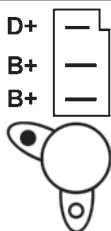
111356 Alternator 14 V, 55 A

Replacing: AAK4532, 11.201.587

Servicing: Ford, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal W**, **Pulley SP**, **Grooves 3**, **Fan EF**

A: 43.00 **B:** 10.80 **C:** 81.00 mm



111362 Alternator 14 V, 55 A

Replacing: AAK1329, AAK1325, 11.201.415, 11.201.399

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 34.50 **B:** 11.00 **C:** 81.00 mm



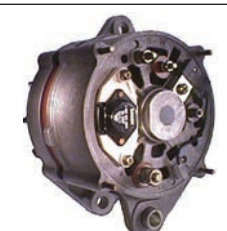
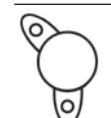
111369 Alternator 14 V, 90 A

Replacing: AAK5501, AAK5305, 11.209.001, 11.203.004

Servicing: Mercedes-Benz, Various Agriculture Vehicles

Position/B+ M8, **Terminal W**, **Pulley SP**, **Grooves 6**, **Fan IF**

A: 92.00 **B:** 56.00 mm



111419 Alternator 28 V, 55 A

Replacing: AAK4507, 11.201.555

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

Position/B+ M8, **Terminal W**, **Pulley DP**, **Grooves 2**, **Fan EF**

A: 50.00 **B:** 17.45 **C:** 63.00 mm



111528 Alternator 28 V, 55 A

Replacing: AAK3332, AAK1369, 11.201.937, 11.201.710

Servicing: Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal W**, **Pulley w/o**, **Fan EF**

B: 51.50 mm



111620 Alternator 14 V, 65 A

Replacing: AAK4562, AAK4158, 11.201.701

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia, Various Agriculture Vehicles

Position/B+ M6, **Pulley SP**, **Grooves 5**, **Fan EF**

A: 47.75 **B:** 16.30 **C:** 63.00 mm



111649 Alternator 14 V, 33 A

Replacing: AAG1343, 11.201.784

Servicing: Claas, Eicher, John Deere, Lamborghini, Same

Position/B+ M6, **Pulley P**, **Grooves 1**, **Fan EF**

A: 76.00 **B:** 56.00 mm



111662 Alternator 14 V, 33 A

Replacing: AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115

Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini

Position/B+ M6, **Terminal W**, **Pulley w/o**, **Fan EF**

B: 56.00 mm



111686 Alternator 14 V, 65 A

Replacing: AAK4176, AAK4155, AAK4154, AAK1228, 11.201.514, 11.201.463, 11.201.357, 11.201.329, 11.201.328

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.50 **B:** 17.00 **C:** 64.50 mm



111740 Alternator 14 V, 70 A

Replacing: AAK1344, AAK1343, 11.201.504, 11.201.503

Servicing: Ford

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
w/ battery sensor terminal.

A: 35.50 **B:** 11.30 **C:** 82.70 mm



111833 Alternator 28 V, 140 A

Replacing: AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B- M8. Shaft 30 mm. Heavy duty type: Cargo 113589. 180 A.

B: 15.70 **C:** 180.00 mm



111843 Alternator 14 V, 95 A

Replacing: AAK5165, AAK4831, AAK4307, AAK1815, 11.204.396, 11.203.660, 11.203.268, 11.201.875

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** w/o
B- M8.

A: 74.60 **B:** 51.00 mm



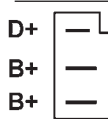
111888 Alternator 14 V, 65 A

Replacing: AAK3330, AAK1363, 11.201.935, 11.201.595

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 81.00 **B:** 50.60 mm



111948 Alternator 14 V, 70 A

Replacing: AAK4554, 11.201.693

Servicing: Massey Ferguson

Position/B+ Plug, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 29.00 mm



111978 Alternator 14 V, 120 A

Replacing: AKK4322, 11.203.333

Servicing: Claas, Fendt

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



112046 Alternator 14 V, 95 A

Replacing: AAK4320, AAK3822, AAK1811, AAK1312, 11.204.054, 11.203.656, 11.203.331, 11.201.991

Servicing: Deutz-Fahr, Iveco

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



112062 Alternator 14 V, 115 A

Replacing: AAN5156, 11.203.204

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



112097 Alternator 28 V, 30 A

Replacing: AAK3564, AAK1209, AAK1110, 11.201.468, 11.201.075, 11.201.055

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112098 Alternator 14 V, 65 A

Replacing: AAK4351, AAK4313, AAK3547, AAK1370, AAK1182, 11.203.415, 11.203.301, 11.201.499, 11.201.444

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 77.00 **B:** 56.00 mm



112170 Alternator 28 V, 50 A

Replacing: AAK3336, AAK1387, 11.201.941, 11.201.759

Servicing: Case, Komatsu

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

Dust proof.

B: 51.00 mm



112183 Alternator 14 V, 60 A

Replacing: AAK2306, AAK2301, 11.203.106, 11.201.292

Servicing: KHD, Various Agriculture Vehicles

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o



112194 Alternator 14 V, 120 A

Replacing: AAN5127, 11.203.110

Servicing: Dodge, Mercedes-Benz, Ssangyong, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 82.20 **B:** 56.00 mm



112196 Alternator 14 V, 143 A

Replacing: AAN5136, 11.203.119

Servicing: Fendt

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



112310 Alternator 14 V, 55 A

Replacing: AAK1193, AAK1151, 11.201.230, 11.201.146

Servicing: BMW, Volvo BM

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 74.00 **B:** 50.70 mm



112389 Alternator 14 V, 85 A

Replacing: AAK5115, 11.201.667

Servicing: Deutz-Fahr

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 55.90 mm



112529 Alternator 14 V, 90 A

Replacing: AAK5391, AAK5382, AAK5306, 11.203.186, 11.203.167, 11.203.005

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 92.00 **B:** 56.10 mm



112556 Alternator 14 V, 95 A

Replacing: AAK5363, AAK5315, AAK5118, AAK5114, 11.203.098, 11.203.016, 11.201.675, 11.201.666

Servicing: Same, Valtra

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** IF

Dust proof.

B: 56.00 mm



B+ D+ W



112718 Alternator 14 V, 100 A

Replacing: AAK5326, 11.203.042

Servicing: Ford, New Holland

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 32.00 **B:** 14.00 **C:** 83.80 mm



112736 Alternator 14 V, 65 A

Replacing: AAK1378, 11.201.570

Servicing: Deutz-Fahr, Fahr, Iveco

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.50 **B:** 56.10 mm



112747 Alternator 28 V, 55 A

Replacing: AAK3318, 11.201.903

Servicing: Deutz-Fahr, Ford, Iveco, KHD

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



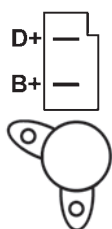
112768 Alternator 14 V, 55 A

Replacing: AAK4518, AAK4138, AAK1117, 11.201.571, 11.201.304, 11.201.071

Servicing: Alfa Romeo, Goldoni

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 45.00 **B:** 17.00 **C:** 70.00 mm



113469 Alternator 14 V, 33 A

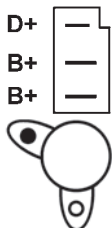
Replacing: AAG1307, 11.201.062

Servicing: Marshall, Steyr

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

Dust proof.

A: 75.50 **B:** 55.90 mm



113474 Alternator 14 V, 65 A

Replacing: AAK3320, AAK1324, 11.201.913, 11.201.396

Servicing: Austin, Landini, Massey Ferguson, Rover

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.90 **B:** 11.00 **C:** 82.55 mm



113477 Alternator 28 V, 55 A

Replacing: AAK3334, AAK1383, 11.201.939, 11.201.746

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF, Insulated return

A: 72.50 **B:** 50.80 mm



113529 Alternator 14 V, 120 A

Replacing: AAK5355, AAK5354, 11.203.088, 11.203.087

Servicing: Ford, New Holland

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** IF

A: 32.00 **B:** 14.10 **C:** 83.30 mm



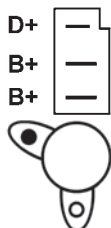
113531 Alternator 14 V, 120 A

Replacing: AAK4321, 11.203.332

Servicing: John Deere

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 56.20 mm



113574 Alternator 14 V, 65 A

Replacing: AAK4118, 11.201.276

Servicing: Case, New Holland, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.85 **B:** 10.40 **C:** 83.00 mm



113610 Alternator 14 V, 120 A

Replacing: AAK5364, AAK5181, 11.203.099

Servicing: Valtra

Position/B+ M8x1.25/14.00, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 56.00 mm



113621 Alternator 14 V, 115 A

Replacing: AAK5759, AAK5746, AAK5592, 11.203.822, 11.203.730, 11.203.494

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 33.55 **B:** 14.10 **C:** 83.35 mm



113632 Alternator 14 V, 85 A

Replacing: AAK3329, 11.201.934

Servicing: John Deere, Lada

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 56.10 mm



113707 Alternator 14 V, 200 A

Replacing: AAN5840, 11.204.424

Servicing: John Deere

Position/B+ M8, **Pulley** w/o, **Fan** IF

B: 56.00 mm



113738 Alternator 28 V, 55 A
Replacing: AAK5565, AAK5376, 11.203.396, 11.203.155
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF
Dust proof.
B: 56.00 mm



113949 Alternator 14 V, 150 A
Replacing: AAN5122, AAN5120, 11.203.065, 11.203.051
Servicing: Claas, John Deere
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF
B: 56.00 mm

NEW PRODUCT
www.hc-cargo.com

113986 Alternator 14 V, 120 A
Replacing: AAK5388, 11.203.181
Servicing: Claas
Position/B+ M8, **Pulley** SP, **Grooves** 8, **Fan** IF
A: 76.80 **B:** 50.00 mm



113999 Alternator 14 V, 150 A
Replacing: AAN5771, AAN5502, AAN5318, AAN5138, 11.204.159, 11.203.870, 11.203.363, 11.203.124
Servicing: Case, Cummins, John Deere, New Holland
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF, Not Insulated return w/o pulley.
B: 13.87 **C:** 103.27 mm

NEW PRODUCT
www.hc-cargo.com

114000 Alternator 14 V, 120 A
Replacing: AAK5533, 11.203.281
Servicing: Claas
Position/B+ M8, **Pulley** SP, **Grooves** 8, **Fan** IF
A: 83.00 **B:** 56.00 mm



114049 Alternator 14 V, 120 A
Replacing: AAK5562, AAK5323, AAK5194, AAK5193, AAK5189, 11.203.388, 11.203.365, 11.203.033, 11.201.976
Servicing: Massey Ferguson
Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF, Not Insulated return
B: 14.23 **C:** 82.50 mm

NEW PRODUCT
www.hc-cargo.com

114110 Alternator 28 V, 80 A
Replacing: AAN5121, AAN5116, 11.203.064, 11.203.043
Servicing: Deutz-Fahr, KHD
Fan IF



114192 Alternator 14 V, 200 A
Replacing: AAN5511, AAN5346, 11.204.187, 11.203.389
Servicing: Deutz-Fahr, Fendt
Pulley w/o, **Fan** IF



114379 Alternator 14 V, 150 A
Replacing: AAN5869, 11.204.502
Servicing: John Deere
Position/B+ M8, **Pulley** w/o, **Fan** IF, Not Insulated return
B: 56.30 mm

NEW PRODUCT
www.hc-cargo.com

114450 Alternator 14 V, 120 A
Replacing: AAK4314, AAK1832, 11.204.484, 11.204.327, 11.203.714, 11.203.302
Servicing: Case, New Holland
Pulley SP, **Grooves** 8, **Fan** EF

NEW PRODUCT
www.hc-cargo.com

114464 Alternator 28 V, 55 A
Replacing: AAK5334, 11.203.061
Servicing: KHD
Pulley w/o, **Fan** IF
B: 55.00 mm

NEW PRODUCT
www.hc-cargo.com

114465 Alternator 14 V, 70 A
Replacing: AAK3339, 11.201.945
Servicing: Volvo BM
Position/B+ M8, **Pulley** P, **Grooves** 1, **Fan** EF
Dust proof.
A: 76.00 **B:** 51.00 mm

NEW PRODUCT
www.hc-cargo.com

114469 Alternator 14 V, 175 A
Replacing: AAN5702, 11.203.720, 11.203.191
Servicing: Case
Position/B+ M8x1.25, **Pulley** w/o, **Fan** IF
Dust proof.
B: 13-50 **C:** 101.00 mm

NEW PRODUCT
www.hc-cargo.com

114470 Alternator 14 V, 120 A
Replacing: AAK3380, 11.203.151
Servicing: Deutz-Fahr
Position/B+ M8, **Pulley** w/o, **Fan** EF
B: 56.00 mm

NEW PRODUCT
www.hc-cargo.com

114513 Alternator 14 V, 95 A
Replacing: AAK5125, 11.201.738
Servicing: Claas, Renault Agriculture
Position/B+ M8, **Pulley** SP, **Grooves** 8,
Fan IF
A: 83.00 **B:** 56.00 mm

NEW PRODUCT
www.hc-cargo.com

114514 Alternator 14 V, 95 A
Replacing: AAK5157, 11.201.830
Servicing: Renault Agriculture
Position/B+ M8, **Pulley** SP, **Grooves** 8,
Fan IF
A: 77.10 **B:** 50.00 mm

NEW PRODUCT
www.hc-cargo.com

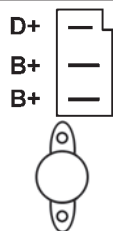
114671 Alternator 14 V, 120 A
Replacing: AAK5599, AAK5577, AAK5560,
 11.203.523, 11.203.423, 11.203.383
Pulley w/o, **Fan** IF



110801 Alternator 28 V, 45 A
Replacing: A0012303JB, 2303JB
Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International
Position/B+ 1/4" UNF, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 14.80 **C:** 100.00 mm



113740 Alternator 14 V, 160 A
Replacing: A0012800JB, 2800JB, 2800J
Servicing: Caterpillar, Deutz-Fahr, Ford, International, Various, Volvo
Position/B+ 5/16" UNC, **Pulley** DP, **Grooves** 2, **Fan** EF
A: 45.00 **B:** 14.85 **C:** 101.25 mm

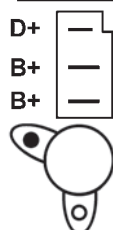


110107 Alternator 14 V, 55 A

Replacing: 66021147, 24204, 24124, 24033A, 24033

Servicing: Massey Ferguson

Position/B+ 6.30, **Pulley** w/o, **Fan** w/o
B: 27.00 mm

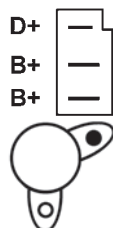


110178 Alternator 14 V, 36 A

Replacing: 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF
B: 10.00 **C:** 87.00 mm



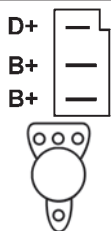
110179 Alternator 14 V, 36 A

Replacing: 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180, 24153, 24141, 24133, 24108

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

Position/B+ Plug, **Pulley** w/o, **Fan** EF
For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.75 **C:** 88.00 mm



110497 Alternator 14 V, 70 A

Replacing: NAB900, 66921126, 66021070

Servicing: Austin-Healey, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
w/ mounting bearing bracket for left and right engine side.

A: 41.50 **B:** 10.50 **C:** 84.00 mm



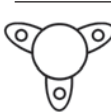
110641 Alternator 14 V, 33 A

Replacing: 24171

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.30 **B:** 56.00 mm



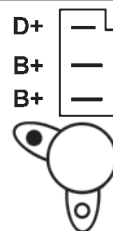
110766 Alternator 28 V, 27 A

Replacing: A0924

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



110770 Alternator 14 V, 55 A

Replacing: LEA0124, LEA0117, LEA0033, 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 11.20 **C:** 82.00 mm



110882 Alternator 14 V, 45 A

Replacing: LEA0451, LEA0029, 61920270

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 16.25 **C:** 63.00 mm

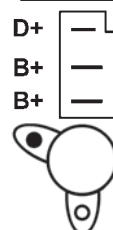


110890 Alternator 14 V, 55 A

Replacing: LEA0015, 61920269

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 17.00 **C:** 63.00 mm



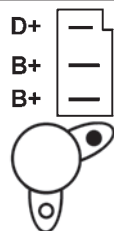
110968 Alternator 14 V, 70 A

Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



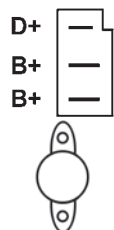
110969 Alternator 14 V, 65 A

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover, Various Agriculture Vehicles

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 38.00 **B:** 11.00 **C:** 82.00 mm



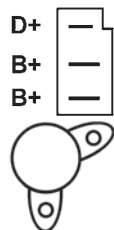
110970 Alternator 14 V, 65 A

Replacing: NAB302

Servicing: Massey Ferguson

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 58.00 **B:** 27.10 mm



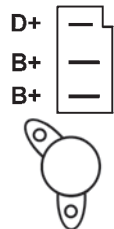
110971 Alternator 14 V, 65 A

Replacing: NAB303, 66021148

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 85.00 **B:** 56.00 mm



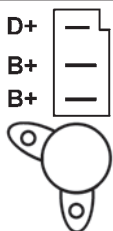
110972 Alternator 14 V, 65 A

Replacing: NAB304, 66021149, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 87.90 **B:** 56.00 mm



110975 Alternator 14 V, 65 A

Replacing: NAB307, 66021152, 60021068, 60021067, 60021063, 60021026, 54021649

Servicing: Audi, Various Agriculture Vehicles, VW

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 82.85 **B:** 56.25 mm



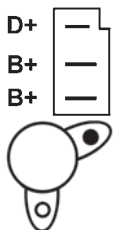
111035 Alternator 14 V, 65 A

Replacing: LEA0045, 54022240, 54022171, 24214A, 24214, 24213A, 24213, 24203

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



111184 Alternator 14 V, 43 A

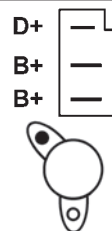
Replacing: LEA0028, LEA0003, LEA0002, 61920289, 61920287, 61920107, 54021987, 54021873, 54021764, 54021551

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Pulley w/o, **Fan** IF

For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.85 **C:** 81.00 mm



111185 Alternator 14 V, 43 A

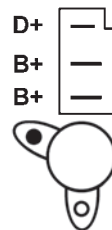
Replacing: LEA0010, LEA0001, 54021350, 26921046, 26021235, 24185, 24181A, 24134A, 24134, 24099A, 24099, 24082

Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall

Pulley w/o, **Fan** IF

For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.80 **C:** 81.00 mm



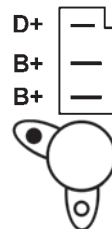
111289 Alternator 14 V, 70 A

Replacing: LEA0044, LEA0034, LEA0011, LEA0004, 61920314, 61920311, 54022620, 54022572, 54022243, 54022147

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



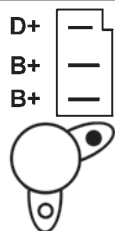
111355 Alternator 14 V, 65 A

Replacing: LEA0134, LEA0112, LEA0036, LEA0035, 54022752, 54022647, 54022642, 54022639, 54022579, 54022428

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 37.00 **B:** 11.50 **C:** 81.00 mm



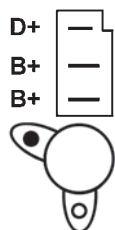
111356 Alternator 14 V, 55 A

Replacing: LEA0128, 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285

Servicing: Ford, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal W**, **Pulley SP**, **Grooves 3**, **Fan EF**

A: 43.00 **B:** 10.80 **C:** 81.00 mm



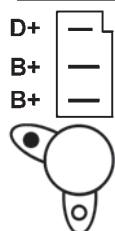
111362 Alternator 14 V, 55 A

Replacing: LEA0074, LEA0055, 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 34.50 **B:** 11.00 **C:** 81.00 mm



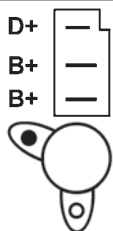
111363 Alternator 14 V, 45 A

Replacing: LEA0066, 54022481, 54022310, 54022292, 24327A, 24256C, 24256A, 24256, 24246A, 24246

Servicing: Ford, New Holland

Position/B+ M6, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 36.70 **B:** 11.00 **C:** 83.00 mm



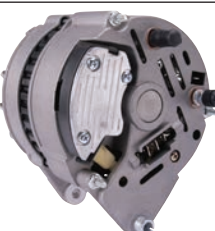
111739 Alternator 14 V, 55 A

Replacing: LEA0120, 54022336, 24273A, 24273

Servicing: Ford, New Holland

Position/B+ M6, **Pulley w/o**, **Fan EF w/ battery sensor terminal**.

B: 11.40 **C:** 82.30 mm



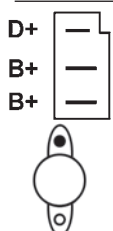
111740 Alternator 14 V, 70 A

Replacing: LEA121, LEA0121, LEA0111, 54022337, 24400, 24274A, 24274, 24250, 24186B, 24186A, 24186

Servicing: Ford

Position/B+ M6, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF w/ battery sensor terminal**.

A: 35.50 **B:** 11.30 **C:** 82.70 mm



111948 Alternator 14 V, 70 A

Replacing: LEA0009, 24123A, 24123, 24087D, 24087B, 24087A, 24087, 24022A, 24022, 24019A, 24019, 23880, 23865A

Servicing: Massey Ferguson

Position/B+ Plug, **Terminal W**, **Pulley w/o**, **Fan EF**

B: 29.00 mm



112097 Alternator 28 V, 30 A

Replacing: LRA2378, LEA0016, A0828, 61920271

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley P**, **Grooves 1**, **Fan w/o**

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112238 Alternator 14 V, 65 A

Replacing: LEA0038, 54022663, 54022646, 54022591, 54022552, 54022510, 54022393, 54022268, 54022267, 54022256

Servicing: Austin, DAF, Land Rover, LDV, Rover

Position/B+ M6, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 36.00 **B:** 11.50 **C:** 81.70 mm



112529 Alternator 14 V, 90 A

Replacing: LRA1860

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

Position/B+ M8, **Terminal W**, **Pulley SP**, **Grooves 6**, **Fan IF**

A: 92.00 **B:** 56.10 mm



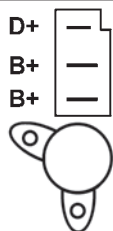
112718 Alternator 14 V, 100 A

Replacing: 54022527, 54022443

Servicing: Ford, New Holland

Position/B+ M6, **Terminal W**, **Pulley SP**, **Grooves 6**, **Fan IF**

A: 32.00 **B:** 14.00 **C:** 83.80 mm



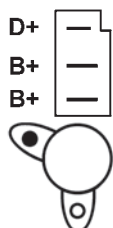
112722 Alternator 14 V, 70 A

Replacing: LEA0060, LEA0058, LEA0057, 54022751, 54022746, 54022656, 54022580, 54022561, 54022560, 54022532

Servicing: Massey Ferguson

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 10.50 **C:** 83.50 mm



113474 Alternator 14 V, 65 A

Replacing: 54022007, 54022001, 24090, 24067, 24034, 24015, 24013, 23996, 23943, 23938, 23937, 23902, 23862

Servicing: Austin, Landini, Massey Ferguson, Rover

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.90 **B:** 11.00 **C:** 82.55 mm



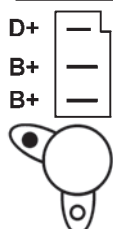
113543 Alternator 14 V, 55 A

Replacing: LRA02116

Servicing: John Deere

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 77.40 **B:** 50.75 mm



113574 Alternator 14 V, 65 A

Replacing: 24049B, 24049A, 24049, 23680

Servicing: Case, New Holland, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.85 **B:** 10.40 **C:** 83.00 mm



113623 Alternator 14 V, 70 A

Replacing: 54022626, 54022525, 54022397, 24415, 24414, 24385, 24384, 24295B, 24295A, 24295

Servicing: Ford, Honda

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 12.00 **C:** 82.60 mm



113683 Alternator 14 V, 36 A

Replacing: 40001C01, 26921168A, 26921168, 26021278, 26021276, 004001C01

Servicing: Mahindra

Pulley P, **Grooves** 1, **Fan** EF

A: 90.60 **B:** 56.00 mm



113763 Alternator 14 V, 85 A

Replacing: 54022606, 54022524, 54022469, 54022466, 24480, 24479

Servicing: JCB, Land Rover

Position/B+ M6, **Terminal** W, **Pulley** w/o

C: 82.00 mm



114360 Alternator 14 V, 70 A

Replacing: 3933142M91, 114360

Servicing: JCB, Massey Ferguson

Position/B+ M6, **Terminal** W

B: 11.50 **C:** 83.00 mm



110611 Alternator 14 V, 44 A

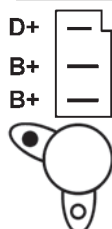
Replacing: 63304800, 63303500, 63303192, 63303191, 63303150, 63303140, 63303130, 63303120, 63303110, 63303100

Servicing: Allis Chalmers, Fiat, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 130613.

A: 46.00 **B:** 17.00 **C:** 61.00 mm



110770 Alternator 14 V, 55 A

Replacing: 63324157

Servicing: Austin, LDV, Massey Ferguson, MG, Rover, Vauxhall

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 11.20 **C:** 82.00 mm



110881 Alternator 14 V, 55 A

Replacing: 943356826

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 2, **Fan** EF

A: 88.00 **B:** 56.00 mm



110882 Alternator 14 V, 45 A

Replacing: 943356305, 943321044, 943320021, 943305226, 63321037, 63321036, 63321035, 63320021, 63307256

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 16.25 **C:** 63.00 mm



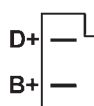
110890 Alternator 14 V, 55 A

Replacing: 943356353, 943320023, 63321180, 63321041, 63320100, 63320023, 63307841, 63307536, 63307526

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 17.00 **C:** 63.00 mm



110899 Alternator 14 V, 33 A

Replacing: 63362006, 63362004, 63362003, 63300506

Servicing: Agrifull, DAF, Fiat, Volvo

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 130675.

A: 48.45 **B:** 24.00 **C:** 74.00 mm



110912 Alternator 14 V, 55 A

Replacing: 63321493, 63321197, 63321172, 63321080, 63321071, 63321061, 63321010, 63321008, 63320141, 63320128

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 44.50 **B:** 16.40 **C:** 66.00 mm



111035 Alternator 14 V, 65 A

Replacing: 63505101, 63321154, 63321005, 63321003, 63320130, 63320056, 63320028, 63320004, 63307431, 63307401

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



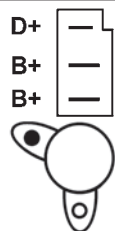
111180 Alternator 14 V, 33 A

Replacing: 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.00 **B:** 25.00 **C:** 74.00 mm



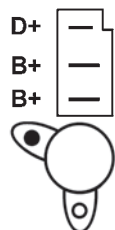
111289 Alternator 14 V, 70 A

Replacing: 943358010, 943356639, 943356633, 63358020, 63358010

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



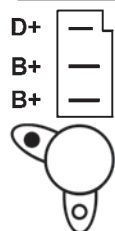
111355 Alternator 14 V, 65 A

Replacing: 63324387, 63324294, 63324245, 54208288

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 37.00 **B:** 11.50 **C:** 81.00 mm



111363 Alternator 14 V, 45 A

Replacing: 63325256, 63324327

Servicing: Ford, New Holland

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.70 **B:** 11.00 **C:** 83.00 mm



111620 Alternator 14 V, 65 A

Replacing: 943321086, 943321084, 943321017, 63321153, 63321152, 63321096, 63321086, 63321084, 63321072

Servicing: Alfa Romeo, Ferrari, Fiat, Lancia, Various Agriculture Vehicles

Position/B+ M6, **Pulley** SP, **Grooves** 5, **Fan** EF

A: 47.75 **B:** 16.30 **C:** 63.00 mm



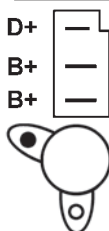
111686 Alternator 14 V, 65 A

Replacing: 943321019, 943320049, 63321146, 63321099, 63321031, 63321022, 63321021, 63321020, 63321019

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.50 **B:** 17.00 **C:** 64.50 mm



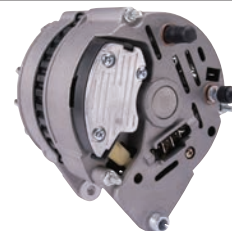
111739 Alternator 14 V, 55 A

Replacing: 63324273

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** w/o, **Fan** EF w/ battery sensor terminal.

B: 11.40 **C:** 82.30 mm



111740 Alternator 14 V, 70 A

Replacing: 63324274

Servicing: Ford

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF w/ battery sensor terminal.

A: 35.50 **B:** 11.30 **C:** 82.70 mm



112097 Alternator 28 V, 30 A

Replacing: 943320025, 63321163, 63321161, 63321115, 63321104, 63321063, 63321055, 63321052, 63321050, 63321049

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112238 Alternator 14 V, 65 A

Replacing: 63324242

Servicing: Austin, DAF, Land Rover, LDV, Rover

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.00 **B:** 11.50 **C:** 81.70 mm



B+ D+ W



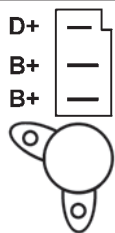
112718 Alternator 14 V, 100 A

Replacing: 63321346, 63321285

Servicing: Ford, New Holland

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 32.00 **B:** 14.00 **C:** 83.80 mm



112722 Alternator 14 V, 70 A

Replacing: 63324407

Servicing: Massey Ferguson

Position/B+ M6, Terminal W, Pulley w/o, Fan EF

B: 10.50 **C:** 83.50 mm



112768 Alternator 14 V, 55 A

Replacing: 943356316, 943321095, 63321095, 63320037, 63305120, 30680316

Servicing: Alfa Romeo, Goldoni

Position/B+ M6, Terminal W, Pulley P, Grooves 1, Fan EF

A: 45.00 **B:** 17.00 **C:** 70.00 mm



W D+ B+



113529 Alternator 14 V, 120 A

Replacing: 63321753

Servicing: Ford, New Holland

Position/B+ M6, Terminal W, Pulley SP, Grooves 8, Fan IF

A: 32.00 **B:** 14.10 **C:** 83.30 mm



113621 Alternator 14 V, 115 A

Replacing: 63321817, 63321743

Servicing: Ford, New Holland

Position/B+ M6, Pulley SP, Grooves 6, Fan IF

A: 33.55 **B:** 14.10 **C:** 83.35 mm



113623 Alternator 14 V, 70 A

Replacing: 63324385, 63324384, 63324295

Servicing: Ford, Honda

Position/B+ M6, Terminal W, Pulley w/o, Fan w/o

B: 12.00 **C:** 82.60 mm



113763 Alternator 14 V, 85 A

Replacing: 63377462, 63377461, 63377460, 63321466, 63320349

Servicing: JCB, Land Rover

Position/B+ M6, Terminal W, Pulley w/o

C: 82.00 mm



114384 Alternator 14 V, 85 A

Replacing: 63321744

Servicing: Case, New Holland

Position/B+ M6, Terminal W, Pulley w/o, Fan IF

B: 17.00 **C:** 63.40 mm

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114669 Alternator 14 V, 65 A

Replacing: 63321503, 63321458, 63321424, 63320137, 63320124

Servicing: New Holland

Position/B+ M6

B: 17.00 **C:** 65.00 mm



110621 Alternator 14 V, 55 A
Replacing: 9516653, 9516650, 443113516653, 443113516650, 334113516653
Servicing: Chang Feng (Liebao), Zetor, ZTS Tees
Position/B+ M6, **Pulley** w/o, **Fan** w/o
A: 27.00 **C:** 65.85 mm



110641 Alternator 14 V, 33 A
Replacing: 9515311, 9515310
Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde
Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 76.30 **B:** 56.00 mm



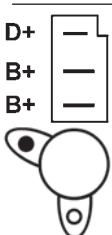
110881 Alternator 14 V, 55 A
Replacing: 8515220
Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo
Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 2, **Fan** EF
A: 88.00 **B:** 56.00 mm



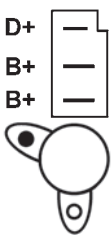
111035 Alternator 14 V, 65 A
Replacing: 9516714
Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 51.25 **B:** 22.00 **C:** 73.00 mm



111168 Alternator 14 V, 55 A
Replacing: 9516761, 9516760, 9516716, 443113516761
Servicing: Ferrari, Opel, Vauxhall
Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 84.00 **B:** 56.00 mm



111289 Alternator 14 V, 70 A
Replacing: 9516742, 9516740, 9516709, 9515734
Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 35.00 **B:** 12.50 **C:** 80.00 mm



111362 Alternator 14 V, 55 A
Replacing: 443113516701, 443113516700
Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 34.50 **B:** 11.00 **C:** 81.00 mm



111662 Alternator 14 V, 33 A
Replacing: 9513053
Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini
Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 56.00 mm



111686 Alternator 14 V, 65 A
Replacing: 9515080
Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 49.50 **B:** 17.00 **C:** 64.50 mm



111843 Alternator 14 V, 95 A
Replacing: 9515180, 9513160
Servicing: Case
Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** w/o B-M8.
A: 74.60 **B:** 51.00 mm



111888 Alternator 14 V, 65 A
Replacing: 9515170
Servicing: Case
Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF
A: 81.00 **B:** 50.60 mm



112035 Alternator 14 V, 70 A
Replacing: 9516673, 443113516673, 443113516670
Servicing: Zetor
Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 27.10 **C:** 66.00 mm



112098 Alternator 14 V, 65 A

Replacing: 9516693, 9515010, 9513031, 443113516693, 443113516690

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 77.00 **B:** 56.00 mm



112238 Alternator 14 V, 65 A

Replacing: 9515040

Servicing: Austin, DAF, Land Rover, LDV, Rover

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.00 **B:** 11.50 **C:** 81.70 mm



112736 Alternator 14 V, 65 A

Replacing: 9515230

Servicing: Deutz-Fahr, Fahr, Iveco

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 76.50 **B:** 56.10 mm



113542 Alternator 14 V, 55 A

Replacing: 9516765, 9515765, 443113515765

Servicing: John Deere

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 83.00 **B:** 56.00 mm



113543 Alternator 14 V, 55 A

Replacing: 9516241, 9515241, 443113516241, 443113515241

Servicing: John Deere

Position/B+ M6, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 77.40 **B:** 50.75 mm



113552 Alternator 14 V, 120 A

Replacing: 9515122, 9515112

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** DP, **Grooves** 2, **Fan** EF

A: 77.00 **B:** 50.80 mm



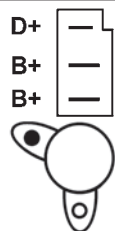
113632 Alternator 14 V, 85 A

Replacing: 9515361, 9515102, 9513170, 9513071

Servicing: John Deere, Lada

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF

B: 56.10 mm



110178 Alternator 14 V, 36 A

Replacing: AH2140B14

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF
B: 10.00 **C:** 87.00 mm

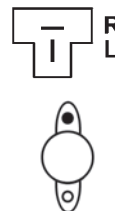


111042 Alternator 14 V, 35 A

Replacing: MD017645, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574

Servicing: Iseki, Mitsubishi

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 42.50 **B:** 12.10 **C:** 66.90 mm

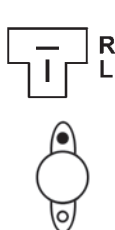


112492 Alternator 14 V, 50 A

Replacing: A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071

Servicing: Cub Cadet, Sole Diesel, Vetus
Position/B+ M5, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.50 **B:** 21.10 mm

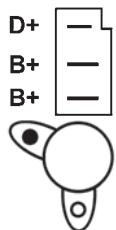


110448 Alternator 28 V, 20 A

Replacing: A1T70783

Servicing: Mitsubishi, Various Agriculture Vehicles

Position/B+ M5, **Pulley** P, **Grooves** 1, **Fan** EF
A: 44.50 **B:** 13.50 **C:** 81.30 mm

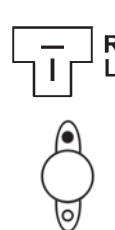


111289 Alternator 14 V, 70 A

Replacing: A5T31774, A5T31773, A5T31772, A5T31372

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 35.00 **B:** 12.50 **C:** 80.00 mm

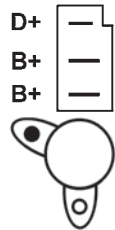


113562 Alternator 14 V, 40 A

Replacing: A7T03877

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF
A: 42.00 **B:** 12.90 **C:** 81.50 mm

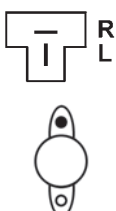


110968 Alternator 14 V, 70 A

Replacing: AH2040C4

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 39.50 **B:** 11.00 **C:** 82.00 mm

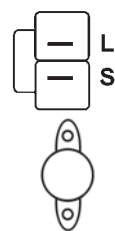


111832 Alternator 14 V, 40 A

Replacing: MM438844, MM435752, MM435081, MM432804, A0T25373, A0T25371, A0T25271, A0T25171

Servicing: Mitsubishi

Position/B+ M5, **Pulley** P, **Grooves** 1, **Fan** IF
A: 42.00 **B:** 16.75 **C:** 41.00 mm



113886 Alternator 28 V, 50 A

Replacing: A4TU5486, A4TU5485

Servicing: Hitachi

Position/B+ M6, **Pulley** SP, **Grooves** 3, **Fan** EF
A: 60.00 **B:** 13.00 **C:** 70.00 mm



111035 Alternator 14 V, 65 A

Replacing: A2T32171

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
A: 51.25 **B:** 22.00 **C:** 73.00 mm



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114079 Alternator 14 V, 40 A

Replacing: A7TA0171B, A7TA0171, 30A68-00801, 30A68-00800

Servicing: Case, Cub Cadet, Mitsubishi, Vetus, Volvo

Position/B+ M5, **Pulley** P, **Grooves** 1,
A: 43.00 **B:** 16.00 **C:** 41.60 mm



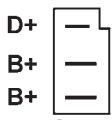
110043 Alternator 28 V, 45 A
Replacing: 9AR3868G, 9AL3776, 510-289
Servicing: Hanomag, Pegaso, Renault V.I., Scania
Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o
B: 80.00 mm



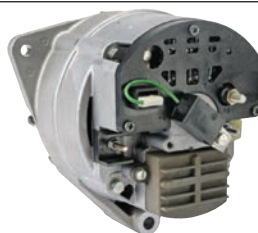
110077 Alternator 14 V, 50 A
Replacing: 510-249
Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall
Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 78.50 **B:** 56.00 mm



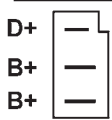
110105 Alternator 14 V, 55 A
Replacing: 9AR2968K, 9AR2968, 510-384
Servicing: John Deere
Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 83.30 **B:** 56.00 mm



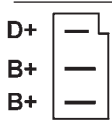
110107 Alternator 14 V, 55 A
Replacing: 9AR5083G, 9AR5010F, 9AR2888, 9AR2887, 9AR2725F, 510-501, 510-492, 510-456, 510-368, 510-320
Servicing: Massey Ferguson
Position/B+ 6.30, **Pulley** w/o, **Fan** w/o
B: 27.00 mm



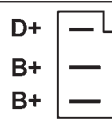
110117 Alternator 28 V, 40 A
Replacing: 9AR6012G, 9AR6012, 510-427
Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles
Position/B+ M6, **Pulley** w/o, **Fan** EF
B: 56.00 mm



110178 Alternator 14 V, 36 A
Replacing: 9AR2916F, 9AR2916, 9AR2915F, 510-105, 510-104, 2541194
Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot
Position/B+ 9.40, **Pulley** w/o, **Fan** EF
B: 10.00 **C:** 87.00 mm



110179 Alternator 14 V, 36 A
Replacing: 9AR5019, 9AR2877, 9AR2603G, 9AR2603F, 9AR2603
Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall
Position/B+ Plug, **Pulley** w/o, **Fan** EF
For pulley w/ 17.00 mm bore use bushing: Cargo 134894.
B: 9.75 **C:** 88.00 mm



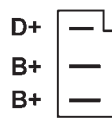
110360 Alternator 14 V, 45 A
Replacing: 9AR2896G, 9AR2883G, 9AR2883, 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F
Servicing: Audi, Deutz-Fahr, VW
Position/B+ 9.40, **Pulley** w/o, **Fan** w/o
B: 56.00 mm



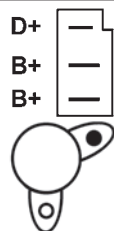
110766 Alternator 28 V, 27 A
Replacing: 9AR6015K
Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF
B: 56.00 mm



110890 Alternator 14 V, 55 A
Replacing: 9AL5050K
Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
Position/B+ M6, **Pulley** w/o, **Fan** w/o
B: 17.00 **C:** 63.00 mm



110968 Alternator 14 V, 70 A
Replacing: 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D
Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra
Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF
A: 39.50 **B:** 11.00 **C:** 82.00 mm



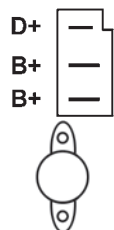
110969 Alternator 14 V, 65 A

Replacing: 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653

Servicing: Land Rover, Various Agriculture Vehicles

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 38.00 **B:** 11.00 **C:** 82.00 mm



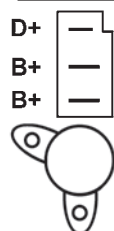
110970 Alternator 14 V, 65 A

Replacing: 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 58.00 **B:** 27.10 mm



110975 Alternator 14 V, 65 A

Replacing: 9AR2529F, 9AR2529, 510-146, 510-123, 2541263

Servicing: Audi, Various Agriculture Vehicles, VW

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 82.85 **B:** 56.25 mm



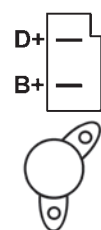
111141 Alternator 14 V, 55 A

Replacing: 2940793

Servicing: MAN, Mercedes-Benz

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



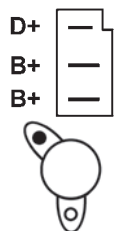
111180 Alternator 14 V, 33 A

Replacing: 9AR5006G

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.00 **B:** 25.00 **C:** 74.00 mm



111185 Alternator 14 V, 43 A

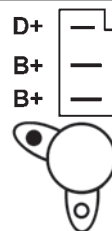
Replacing: 9AR2918G, 9AR2918

Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall

Pulley w/o, **Fan** IF

For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.80 **C:** 81.00 mm



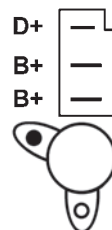
111289 Alternator 14 V, 70 A

Replacing: 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 35.00 **B:** 12.50 **C:** 80.00 mm



111362 Alternator 14 V, 55 A

Replacing: 9AR2630K, 2940080

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 34.50 **B:** 11.00 **C:** 81.00 mm



111419 Alternator 28 V, 55 A

Replacing: 2541423

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

Position/B+ M8, **Terminal** W, **Pulley** DP, **Grooves** 2, **Fan** EF

A: 50.00 **B:** 17.45 **C:** 63.00 mm



111686 Alternator 14 V, 65 A

Replacing: 9AR2951L, 9AR2951

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.50 **B:** 17.00 **C:** 64.50 mm



111948 Alternator 14 V, 70 A

Replacing: 9AR5070K, 9AR5040K, 9AR2944K, 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K, 9AR2856, 9AR2853K, 9AR2853

Servicing: Massey Ferguson

Position/B+ Plug, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 29.00 mm



112097 Alternator 28 V, 30 A

Replacing: 9AR3952G, 9AR3952, 9AL3955G

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112310 Alternator 14 V, 55 A

Replacing: 9AR2715F

Servicing: BMW, Volvo BM

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 74.00 **B:** 50.70 mm



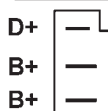
113477 Alternator 28 V, 55 A

Replacing: 2940060

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF, Insulated return

A: 72.50 **B:** 50.80 mm



113574 Alternator 14 V, 65 A

Replacing: 9AR2963L, 9AR2963, 9AR2919P, 9AR2919

Servicing: Case, New Holland, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.85 **B:** 10.40 **C:** 83.00 mm



113898 Alternator 14 V, 185 A

Replacing: 8SC2023Z

Servicing: New Holland

Position/B+ M10, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 14.75 **C:** 101.70 mm



110170 Alternator 14 V, 72 A

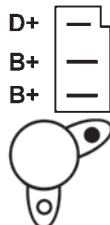
Replacing: 8MA2014PA, 8MA2014P, 8MA2010PA, 8MA2010P

Servicing: Ford

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 131175.

A: 74.75 **B:** 51.25 mm



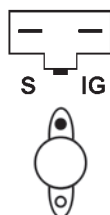
110179 Alternator 14 V, 36 A

Replacing: 8HA2009KA

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

Position/B+ Plug, **Pulley** w/o, **Fan** EF
For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.75 **C:** 88.00 mm



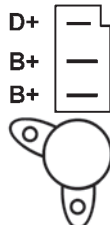
110445 Alternator 14 V, 90 A

Replacing: 8MR2035T, 110-244, 110-238

Servicing: John Deere

Position/B+ M6, **Pulley** w/o, **Fan** EF

B: 51.00 mm



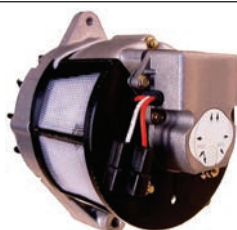
110975 Alternator 14 V, 65 A

Replacing: 9FB2LD2A05

Servicing: Audi, Various Agriculture Vehicles, VW

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 82.85 **B:** 56.25 mm



111736 Alternator 14 V, 90 A

Replacing: 8MR2033T, 110-252

Servicing: Massey Ferguson, Volvo

Position/B+ 1/4" UNC, **Pulley** w/o, **Fan** EF

B: 51.00 mm



113898 Alternator 14 V, 185 A

Replacing: 8SC2282VG, 110-565

Servicing: New Holland

Position/B+ M10, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 14.75 **C:** 101.70 mm



112160

Alternator

28 V, 75 A

Replacing: 0-35000-0480, 0-35000-0471, 0-35000-0461, 0-35000-0460, 0-35000-0392, 0-35000-0391, 0-35000-0390

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

Position/B+ M6, **Pulley** w/o, **Fan** EF

Replacing: 21Sl. One wire system.

B: 14.25 **C:** 101.50 mm



110043 Alternator 28 V, 45 A

Replacing: 860177

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



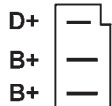
110077 Alternator 14 V, 50 A

Replacing: PBNA0584, 20130133

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 78.50 **B:** 56.00 mm



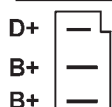
110107 Alternator 14 V, 55 A

Replacing: 66021479, 66021147

Servicing: Massey Ferguson

Position/B+ 6.30, **Pulley** w/o, **Fan** w/o

B: 27.00 mm



110179 Alternator 14 V, 36 A

Replacing: PBNA0147, PBNA0113, PBNA0111, PBNA0105, PBNA0104, PBNA0101, 20130192

Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall

Position/B+ Plug, **Pulley** w/o, **Fan** EF
For pulley w/ 17.00 mm bore use bushing: Cargo 134894.

B: 9.75 **C:** 88.00 mm



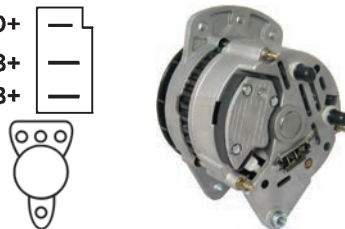
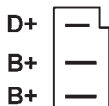
110427 Alternator 28 V, 22 A

Replacing: ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178

Servicing: Case, Caterpillar

Position/B+ M12, **Pulley** DP, **Grooves** 2, **Fan** w/o

A: 83.30 **B:** 15.50 **C:** 102.19 mm



110497 Alternator 14 V, 70 A

Replacing: 66021155, 66021126K, 66021126

Servicing: Austin-Healey, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF
w/ mounting bearing bracket for left and right engine side.

A: 41.50 **B:** 10.50 **C:** 84.00 mm



110643 Alternator 28 V, 40 A

Replacing: 66021616A, 66021490A, 66021490

Servicing: Butec, Various Agriculture Vehicles

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 75.90 mm



110881 Alternator 14 V, 55 A

Replacing: 20110134

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 2, **Fan** EF

A: 88.00 **B:** 56.00 mm



110912 Alternator 14 V, 55 A

Replacing: PBNA0597, PBNA0190, 20100190

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 44.50 **B:** 16.40 **C:** 66.00 mm



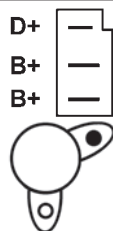
110968 Alternator 14 V, 70 A

Replacing: PBNA0392, PBNA0230, PBNA0228, PBNA0206, PBNA0185, PBNA0143, PBNA0131, PBNA0121, 66021636, 66021461

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



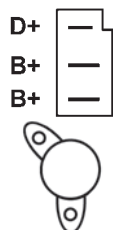
110969 Alternator 14 V, 65 A

Replacing: PBNA0586, PBNA0229, PBNA0130, 66021637, 66021438, 66021137, 66021115, 20100693

Servicing: Land Rover, Various Agriculture Vehicles

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 38.00 B: 11.00 C: 82.00 mm



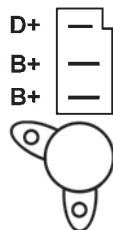
110972 Alternator 14 V, 65 A

Replacing: PBNA0110, 66021579, 66021459, 66021436, 66021416, 66021149

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 87.90 B: 56.00 mm



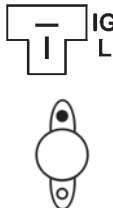
110975 Alternator 14 V, 65 A

Replacing: 66021152

Servicing: Audi, Various Agriculture Vehicles, VW

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 82.85 B: 56.25 mm



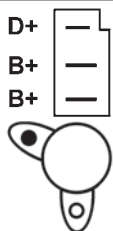
111048 Alternator 14 V, 40 A

Replacing: 20140110

Servicing: Daihatsu, Iseki, Kubota, Piaggio

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** IF

A: 43.00 B: 24.00 mm



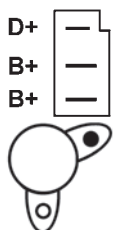
111355 Alternator 14 V, 65 A

Replacing: PBNA0582, 66021543

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 37.00 B: 11.50 C: 81.00 mm



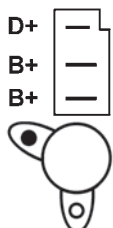
111356 Alternator 14 V, 55 A

Replacing: 66021445

Servicing: Ford, Various Agriculture Vehicles

Position/B+ 9.40, **Terminal** W, **Pulley** SP, **Grooves** 3, **Fan** EF

A: 43.00 B: 10.80 C: 81.00 mm



111739 Alternator 14 V, 55 A

Replacing: 66021605, 20100530, 20100522

Servicing: Ford, New Holland

Position/B+ M6, **Pulley** w/o, **Fan** EF w/ battery sensor terminal.

B: 11.40 C: 82.30 mm



111843 Alternator 14 V, 95 A

Replacing: 20130136

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** w/o B- M8.

A: 74.60 B: 51.00 mm



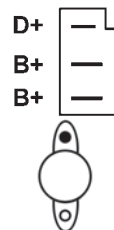
111888 Alternator 14 V, 65 A

Replacing: 20110305

Servicing: Case

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 8, **Fan** EF

A: 81.00 B: 50.60 mm



111948 Alternator 14 V, 70 A

Replacing: PBNA0220, 66021583, 20100220

Servicing: Massey Ferguson

Position/B+ Plug, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 29.00 mm



112046 Alternator 14 V, 95 A

Replacing: 20130137

Servicing: Deutz-Fahr, Iveco

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



112097 Alternator 28 V, 30 A

Replacing: 860141

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 B: 17.00 C: 63.00 mm



112238 Alternator 14 V, 65 A

Replacing: PBNA0382, 66021412

Servicing: Austin, DAF, Land Rover, LDV, Rover

Position/B+ M6, Terminal W, Pulley P, Grooves 1, Fan EF

A: 36.00 B: 11.50 C: 81.70 mm



B+ D+ W



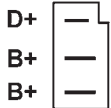
112718 Alternator 14 V, 100 A

Replacing: 20130116

Servicing: Ford, New Holland

Position/B+ M6, Terminal W, Pulley SP, Grooves 6, Fan IF

A: 32.00 B: 14.00 C: 83.80 mm



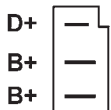
112722 Alternator 14 V, 70 A

Replacing: 66021836

Servicing: Massey Ferguson

Position/B+ M6, Terminal W, Pulley w/o, Fan EF

B: 10.50 C: 83.50 mm



113574 Alternator 14 V, 65 A

Replacing: 66021411

Servicing: Case, New Holland, Valtra

Position/B+ Plug, Terminal W, Pulley P, Grooves 1, Fan EF

A: 36.85 B: 10.40 C: 83.00 mm



110043 Alternator 28 V, 45 A

Replacing: 19025075

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



110075 Alternator 14 V, 60 A

Replacing: 1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat-Allis, GMC, International, Jeep, Oldsmobile, Pontiac

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

As Cargo 110215 (90 A). Regulator: Cargo 130505.

A: 75.00 **B:** 51.00 mm



110300 Alternator 28 V, 65 A

Replacing: 321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160

Servicing: Case, International

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

Replacing: 27Sl. Shaft dia. 22.00 mm. Fan: Cargo 131854.

B: 11.90 **C:** 103.00 mm



110325 Alternator 14 V, 18 A

Replacing: 1105076, 1105063, 1103190, 1103134, 1102871, 1100499, 1100092

Servicing: Bobcat, Various Agriculture Vehicles

Position/B+ M6, **Pulley** w/o, **Fan** w/o

Replacing: 10Sl.

B: 50.90 mm



110504 Alternator 14 V, 90 A

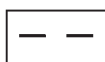
Replacing: 1105073, 1102875, 1100589

Servicing: Buick, Case, Chevrolet, Fiat-Allis, International, Jeep

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

Same as Cargo 110505 (75 A).

B: 51.00 mm



110505 Alternator 14 V, 75 A

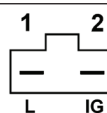
Replacing: 1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

Replacing: CS130. As Cargo 110504 (90 A).

B: 50.50 mm



110508 Alternator 14 V, 78 A

Replacing: 321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692

Servicing: American Motors, Buick, Cadillac, Case, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Replacing: 12Sl.

A: 77.00 **B:** 50.50 mm



110591 Alternator 28 V, 75 A

Replacing: 321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238

Servicing: Caterpillar, Various Agriculture Vehicles

Position/B+ 7/16" UNC, **Pulley** w/o, **Fan** EF

Replacing: 25Sl. One wire system. B+ 7/16".

B: 14.10 **C:** 101.50 mm



110611 Alternator 14 V, 44 A

Replacing: 19025037

Servicing: Allis Chalmers, Fiat, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Regulator: Cargo 130613.

A: 46.00 **B:** 17.00 **C:** 61.00 mm



110801 Alternator 28 V, 45 A

Replacing: 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Position/B+ 1/4" UNF, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 14.80 **C:** 100.00 mm



110890 Alternator 14 V, 55 A

Replacing: 19025046

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 17.00 **C:** 63.00 mm



110912 Alternator 14 V, 55 A

Replacing: 19025067, 19025056, 19025049

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 44.50 **B:** 16.40 **C:** 66.00 mm



110952 Alternator 28 V, 40 A

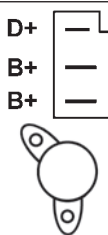
Replacing: 1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204

Servicing: Case, Fiat-Allis

Position/B+ M5, **Pulley** P, **Grooves** 1, **Fan** EF

Replacing: 10SI.

A: 75.55 **B:** 50.70 mm



110972 Alternator 14 V, 65 A

Replacing: 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 87.90 **B:** 56.00 mm



111035 Alternator 14 V, 65 A

Replacing: 19025789, 19025787, 19025051

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



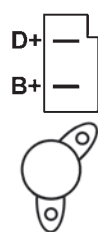
111168 Alternator 14 V, 55 A

Replacing: 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051

Servicing: Ferrari, Opel, Vauxhall

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 84.00 **B:** 56.00 mm



111180 Alternator 14 V, 33 A

Replacing: 19025063, 19025042

Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava

Position/B+ Plug, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.00 **B:** 25.00 **C:** 74.00 mm



111647 Alternator 28 V, 60 A

Replacing: 390087, 2191166

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

Position/B+ M6, **Pulley** w/o, **Fan** EF

B: 15.00 **C:** 102.00 mm



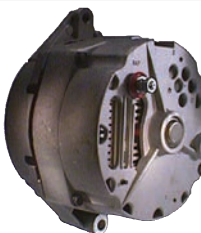
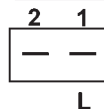
111686 Alternator 14 V, 65 A

Replacing: 19025060

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 49.50 **B:** 17.00 **C:** 64.50 mm



111713 Alternator 14 V, 105 A

Replacing: 321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551

Servicing: Allis Chalmers, Case, Ford, John Deere, New Holland

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

Replacing: 15SI.

A: 71.00 **B:** 50.70 mm



111833 Alternator 28 V, 140 A

Replacing: 19025330

Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** EF

B- M8. Shaft 30 mm. Heavy duty type: Cargo 113589. 180 A.

B: 15.70 **C:** 180.00 mm



112097 Alternator 28 V, 30 A

Replacing: 19025057, 19025044

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112160 Alternator 28 V, 75 A

Replacing: 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010199, 19010195, 19010193

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

Position/B+ M6, **Pulley** w/o, **Fan** EF

Replacing: 21SI. One wire system.

B: 14.25 **C:** 101.50 mm



112260 Alternator 14 V, 80 A

Replacing: 321-603, 1105470, 1105469, 1105467, 1105465, 1105464, 1105463, 1105462, 1105460, 1102553, 1101289

Servicing: Allis Chalmers, Case, Chevrolet, Cummins, International, Volvo

Position/B+ M5, **Pulley** w/o, **Fan** w/o

Replacing: 27SI. Negative grounding.

B: 12.60 **C:** 103.45 mm



112989 Alternator 14 V, 60 A

Replacing: 321-666, 1117641, 1117628, 1117621, 1117620, 1117618, 1117613, 1117612, 1117611, 10459200, 10459020

Servicing: Caterpillar, Chevrolet, Cummins, International, Mack, Massey Ferguson

Position/B+ M8, **Terminal** W, **Pulley** w/o, **Fan** IF

Replacing: 20SI. Negative grounding. One wire system. B+ 1/4".

B: 14.85 **C:** 101.65 mm



112992 Alternator 28 V, 70 A

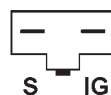
Replacing: 1117915

Servicing: Fiat-Allis

Position/B+ M8, **Pulley** w/o, **Fan** EF

Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".

B: 15.75 **C:** 101.55 mm



112996 Alternator 14 V, 115/130 A

Replacing: 321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145

Servicing: Caterpillar, Ford, Freightliner, John Deere, Kenworth, Mack, New Holland, Volvo

Position/B+ M8, **Pulley** w/o, **Fan** EF

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.55 **C:** 100.50 mm



113432 Alternator 14 V, 145/160 A

Replacing: 321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050

Servicing: International, Kenworth, Mack, Renault Agriculture, Volvo

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".

B: 14.30 **C:** 101.20 mm



113457 Alternator 28 V, 60 A

Replacing: 390049, 219055

Position/B+ M6, **Terminal** W, **Pulley** DP, **Grooves** 2, **Fan** EF

A: 65.75 **B:** 15.00 **C:** 101.00 mm



113458 Alternator 28 V, 60 A

Replacing: 390050, 219051

Position/B+ M6, **Terminal W**, **Pulley DP**,
Grooves 2, **Fan EF**

A: 45.25 **B:** 15.00 **C:** 101.00 mm



114271 Alternator 28 V, 75 A

Replacing: 8600479, 19011195, 19011191,
19011189, 10459353

Servicing: Caterpillar

Position/B+ M6, **Terminal W**, **Pulley w/o**,
Insulated return

Replacing: 34SI.

B: 14.20 **C:** 100.00 mm



110639 Alternator 14 V, 36 A
Replacing: DM91134, DM1132, DM1130
Servicing: Allis Chalmers, Fiat-Allis
Position/B+ M6, **Pulley** P, **Grooves** 1,
Fan EF
Regulator: Cargo 130017.
A: 91.00 **B:** 60.75 mm



110043 Alternator 28 V, 45 A

Replacing: A13R214

Servicing: Hanomag, Pegaso, Renault V.I., Scania

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



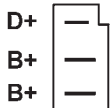
110077 Alternator 14 V, 50 A

Replacing: 2927990

Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 78.50 **B:** 56.00 mm



110107 Alternator 14 V, 55 A

Replacing: 9AR2725

Servicing: Massey Ferguson

Position/B+ 6.30, **Pulley** w/o, **Fan** w/o

B: 27.00 mm



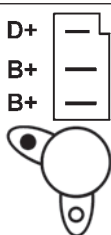
110117 Alternator 28 V, 40 A

Replacing: 2960120

Servicing: Iveco, Magirus-Deutz, Steyr, Various Agriculture Vehicles

Position/B+ M6, **Pulley** w/o, **Fan** EF

B: 56.00 mm



110178 Alternator 14 V, 36 A

Replacing: 29409930, 2523234

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Talbot

Position/B+ 9.40, **Pulley** w/o, **Fan** EF

B: 10.00 **C:** 87.00 mm



110766 Alternator 28 V, 27 A

Replacing: 2960150, 2523162

Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 56.00 mm



110801 Alternator 28 V, 45 A

Replacing: A13R182

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Position/B+ 1/4" UNF, **Terminal** W, **Pulley** w/o, **Fan** EF

B: 14.80 **C:** 100.00 mm



110890 Alternator 14 V, 55 A

Replacing: 2950500

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Position/B+ M6, **Pulley** w/o, **Fan** w/o

B: 17.00 **C:** 63.00 mm



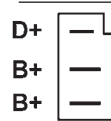
110912 Alternator 14 V, 55 A

Replacing: A13E23, 2541234, 2541233

Servicing: Ferrari, Fiat, Fiat-Allis, Lancia, Seat

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 44.50 **B:** 16.40 **C:** 66.00 mm



110968 Alternator 14 V, 70 A

Replacing: 9AR2699

Servicing: Austin, Case, Dronningborg, MG, Nissan, Rover, Valtra

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** EF

A: 39.50 **B:** 11.00 **C:** 82.00 mm



111035 Alternator 14 V, 65 A

Replacing: A13E26, A13E25, 2541236, 2541235

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 51.25 **B:** 22.00 **C:** 73.00 mm



111141 Alternator 14 V, 55 A

Replacing: 523159, 523158, 2325158

Servicing: MAN, Mercedes-Benz

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o

B: 80.00 mm



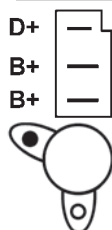
111168 Alternator 14 V, 55 A

Replacing: A13N214, 2541341

Servicing: Ferrari, Opel, Vauxhall

Position/B+ M6, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 84.00 **B:** 56.00 mm



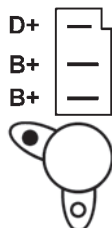
111289 Alternator 14 V, 70 A

Replacing: 2950220, 2940981, 2929780, 2927070

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Position/B+ 9.40, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 35.00 **B:** 12.50 **C:** 80.00 mm



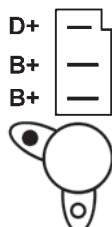
111355 Alternator 14 V, 65 A

Replacing: 2541400, 2541290

Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra

Position/B+ M6-6.30, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 37.00 **B:** 11.50 **C:** 81.00 mm



111362 Alternator 14 V, 55 A

Replacing: 2926300

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Position/B+ Plug, **Terminal W**, **Pulley P**, **Grooves 1**, **Fan EF**

A: 34.50 **B:** 11.00 **C:** 81.00 mm



111369 Alternator 14 V, 90 A

Replacing: A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992, 2541960, 2541920

Servicing: Mercedes-Benz, Various Agriculture Vehicles

Position/B+ M8, **Terminal W**, **Pulley SP**, **Grooves 6**, **Fan IF**

A: 92.00 **B:** 56.00 mm



111419 Alternator 28 V, 55 A

Replacing: 2541423

Servicing: Allis Chalmers, Benfra, Fiat-Allis, Iveco, Laverda

Position/B+ M8, **Terminal W**, **Pulley DP**, **Grooves 2**, **Fan EF**

A: 50.00 **B:** 17.45 **C:** 63.00 mm



111528 Alternator 28 V, 55 A

Replacing: 2180620, 2105473B

Servicing: Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal W**, **Pulley w/o**, **Fan EF**

B: 51.50 mm



111647 Alternator 28 V, 60 A

Replacing: 21EA00050

Servicing: Cummins, John Deere, Komatsu, New Holland, Timberjack

Position/B+ M6, **Pulley w/o**, **Fan EF**

B: 15.00 **C:** 102.00 mm



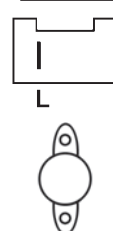
111686 Alternator 14 V, 65 A

Replacing: 2929510, 2565995, 2565994

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda

Position/B+ M6, **Pulley P**, **Grooves 1**, **Fan EF**

A: 49.50 **B:** 17.00 **C:** 64.50 mm



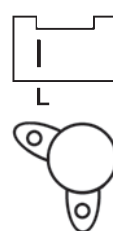
111716 Alternator 14 V, 70 A

Replacing: A13N275, 2541713

Servicing: Massey Ferguson

Position/B+ M6, **Terminal W**, **Pulley DP**, **Grooves 2**, **Fan EF**

A: 52.00 **B:** 27.00 mm



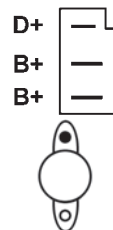
111940 Alternator 14 V, 70 A

Replacing: A13N276, A13N274, 2541714, 2541712

Servicing: Massey Ferguson

Position/B+ M6, **Terminal W**, **Pulley w/o**, **Fan IF**

B: 27.00 **C:** 71.30 mm



111948 Alternator 14 V, 70 A

Replacing: 9AR2786, 9AR2566, 2950700, 2940772, 2928610, 2541148, 2541131, 2541130, 2518051

Servicing: Massey Ferguson

Position/B+ Plug, **Terminal W**, **Pulley w/o**, **Fan EF**

B: 29.00 mm



112097 Alternator 28 V, 30 A

Replacing: 2939520

Servicing: Allis Chalmers, Astra, Fahr, Iveco, Laverda

Position/B+ M6, **Pulley** P, **Grooves** 1, **Fan** w/o

A: 45.00 **B:** 17.00 **C:** 63.00 mm



112113[#] Alternator 28 V, 60 A

Replacing: A14N30M, A14N198M, A14N196M, A14N177M, A14N116M, A14N115M, A14N114T, A14N114, A14N110M, A14N110

Servicing: Renault V.I., Volvo, Volvo BM

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** EF, Insulated return

B: 27.00 **C:** 66.75 mm



112183 Alternator 14 V, 60 A

Replacing: A13N255, A13N165, 2541659, 2541133

Servicing: KHD, Various Agriculture Vehicles

Position/B+ M6, **Terminal** W, **Pulley** w/o, **Fan** w/o



112529 Alternator 14 V, 90 A

Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919, 2541838A, 2541838, 2541775B, 2541775A

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

Position/B+ M8, **Terminal** W, **Pulley** SP, **Grooves** 6, **Fan** IF

A: 92.00 **B:** 56.10 mm



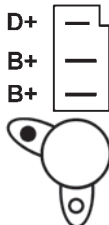
113477 Alternator 28 V, 55 A

Replacing: A14N81M, A14N47M, A14N137M, A14N119M, A14N112M, A14N100M, A14N100, 2541168, 2181991

Servicing: DAF, Volvo, Volvo BM, Volvo Penta

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF, Insulated return

A: 72.50 **B:** 50.80 mm



113574 Alternator 14 V, 65 A

Replacing: NA066

Servicing: Case, New Holland, Valtra

Position/B+ Plug, **Terminal** W, **Pulley** P, **Grooves** 1, **Fan** EF

A: 36.85 **B:** 10.40 **C:** 83.00 mm



113961 Alternator 14 V, 120 A

Replacing: A13VI243

Servicing: Massey Ferguson

Position/B+ M6, **Terminal** W, **Pulley** DP, **Grooves** 2,

A: 29.00 **B:** 14.30 **C:** 83.00 mm



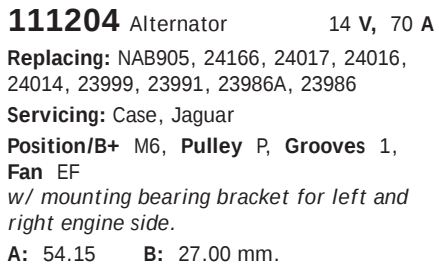
114219 Alternator 14 V, 50 A

Replacing: TA000A58101

Servicing: Daedong Kioti

Position/B+ M6, **Terminal** W, **Pulley** P, **Grooves** 1,

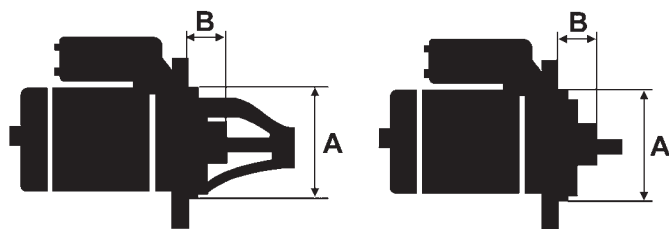
A: 43.00 **B:** 15.00 **C:** 66.00 mm





Starters

A: Mounting flange, B: Drive distance



Edition 2013/2014



**110206** Starter 24 V, 5.4 kW

Replacing: 0001416079, 0001416078, 0001416023, 0001416002, 0001415027, 0001415001, 0001410088, 0001410002

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

**110207** Starter 24 V, 5.4 kW

Replacing: 0001416070, 0001416007, 0001416005, 0001415013, 0001414019, 0001410046, 0001402057

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**110208** Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS162, 9000084018, 0001416076, 0001416021, 0001416009, 0001416008, 0001415016, 0001415004

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed, Waterproof

A: 89.00 **B:** 48.50 mm

**110210** Starter 24 V, 6.6 kW

Replacing: 0001417051, 0001417038, 0001417001, 0001411009, 0001410024

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

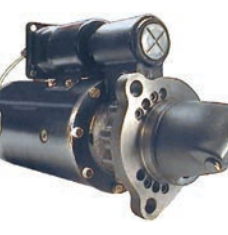
**110213** Starter 24 V, 6.6 kW

Replacing: 0001417005, 0001411025, 0001410065

Servicing: Fiat, Iveco

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 115.00 **B:** 20.80 mm

**110347** Starter 24 V, 7.5 kW

Replacing: 0001420011, 0001420010, 0001420008, 0001420006, 0001420002

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ M12, **15a** M4, **Total length** 522.00, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

Replacing: 50MT.

A: 92.00 **B:** 47.00 mm

**110439** Starter 12 V, 2.0 kW

Replacing: 9000143400, 0001362008

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, **Total length** 309.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 25.00 mm

**110443** Starter 12 V, 2.1 kW

Replacing: 0001362093

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, **Total length** 309.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

**110460** Starter 12 V, 2.8 kW

Replacing: 0001367022, 0001359126

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, **Total length** 307.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

**110461** Starter 12 V, 2.8 kW

Replacing: 0001362307, 0001358202, 0001358201, 0001358200

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: 9007044014, 0001362067

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 20.00 mm

110517 Starter 24 V, 3.2 kW

Replacing: 0001363111, 0001363101

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, **Total length** 295.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 25.00 mm

110518 Starter 24 V, 4.0 kW

Replacing: 0001368020, 0001360063

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 27.00 mm

110520 Starter 24 V, 4.0 kW

Replacing: 0001368021, 0001360027,
0001360007, 0001359127

Servicing: Cummins, Fiat-Allis

B+ M10, **Total length** 343.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.50 mm

110521 Starter 24 V, 4.0 kW

Replacing: 0001368019, 0001360043,
0001360015

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 343.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 27.00 mm

110522 Starter 12 V, 3.0 kW

Replacing: 0986012720, 0001367029,
0001359122, 0001230009

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.50 mm

110523 Starter 24 V, 4.8 kW

Replacing: 0001368088, 0001368007,
0001368001, 0001360035, 0001360030,
0001360014, 0001360012, 0001360003

Servicing: ABG, Ahlmann, Case, Compair,
Iveco, KHD, Payloader

B+ M10, **Gear type** DD,
Mounting holes 3 (0)
A: 89.00 **B:** 27.50 mm

110525 Starter 12 V, 3.0 kW

Replacing: 9007044002, 9000083054,
9000083028, 0001367303, 0001367301,
0001367300, 0001367059, 0001367034

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm

110529 Starter 12 V, 3.0 kW

Replacing: 0001367082, 0001367028,
0001367023, 0001359102, 0001359021

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis,
Iveco

B+ M10, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 30.00 mm

110530 Starter 12 V, 3.0 kW

Replacing: EJD3/12BR3, 0004314011,
0001367013, 0001362035, 0001362022,
0001362009, 0001359108, 0001359004

Servicing: Huerlimann, Lamborghini, Same

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 22.00 mm

**110531** Starter 24 V, 6.6 kW

Replacing: 0001417036, 0001417017, 0001410041, 0001410016, 0001410015

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B+ M12, **B-** M10, **Total length** 405.00,
Gear type DD, **Mounting holes** 0 (0)

A: 56.00 **B:** 43.00 mm

**110534** Starter 24 V, 5.4 kW

Replacing: 0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053

Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles

B+ M10, **Total length** 390.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**110536** Starter 12 V, 2.7 kW

Replacing: 26025155A, 0001367004, 0001362313, 0001362311, 0001362305, 0001362091, 0001362034, 0001362016

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.00 mm

**110537** Starter 12 V, 3.6 kW

Replacing: BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066

Servicing: Volvo BM

B+ M10, **B-** M10, **Total length** 384.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**110539** Starter 12 V, 3.6 kW

Replacing: 0001418014, 0001413017

Servicing: Claas, Mercedes-Benz, New Holland

B+ M10, **B-** M10, **Total length** 384.50,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.00 mm

**110545** Starter 12 V, 3.0 kW

Replacing: 0001367067, 0001367032, 0001359124, 0001359047

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm

**110550[#]** Starter 24 V, 4.0 kW

Replacing: 0001402040

Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Various Agriculture Vehicles

B+ M10, **Total length** 378.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**110551** Starter 12 V, 3.0 kW

Replacing: 0001367009, 0001359099, 0001359053, 0001359048, 0001359001

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, **Total length** 326.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**110552** Starter 12 V, 1.2 kW

Replacing: 0001107078

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, **Total length** 194.00,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 20.00 mm

**110565** Starter 12 V, 2.8 kW

Replacing: 9004475058, 0001367040

Servicing: Eicher, Massey Ferguson

B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm


110615 Starter 12 V, 2.8 kW

Replacing: 9004475035

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, **Total length** 312.25,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.60 mm


110640 Starter 12 V, 3.0 kW

Replacing: 0001367014, 0001359091

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, **Total length** 310.00,
Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.00 mm


110775 Starter 12 V, 1.8 kW

Replacing: 0001362038, 0001362028, 0001362027, 0001362004, 0001362003

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 288.00,
Clutch type Wet, **Gear type** DD,
Mounting holes 2 (0)

A: 83.00 **B:** 21.00 mm


110813 Starter 12 V, 2.7 kW

Replacing: 0001362105, 0001362039, 0001362032, 0001223504, 0001223503

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, **Total length** 294.00,
Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm


110814 Starter 12 V, 2.7 kW

Replacing: 0001362062

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, **Total length** 296.50,
Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.80 mm


110818 Starter 12 V, 2.1 kW

Replacing: 0001362084, 0001362060

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 24.60 mm


110819 Starter 12 V, 2.8 kW

Replacing: 0001362049

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, **Total length** 311.00,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 22.25 mm


110844 Starter 12 V, 2.2 kW

Replacing: 0001218122, 0001218011

Servicing: Bedford, Ferrari, Goldoni, Lombardini, Opel, Valpadana, Vauxhall, VW

B+ M8, **Total length** 278.45,
Gear type GR, **Mounting holes** 2 (0)

A: 82.00 **B:** 17.20 mm


110868 Starter 12 V, 1.1 kW

Replacing: 0001311120, 0001311109, 0001311101, 0001311049, 0001311046, 0001311037, 0001311034, 0001311033

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

B+ M8, **15a** M5, **Total length** 255.25,
Gear type DD, **Mounting holes** 2 (0)

A: 76.00 **B:** 4.50 mm


110999 Starter 24 V

Replacing: 0001420013, 0001420009, 0001420005, 0001420004, 0001420003, 0001420001

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, **15a** M5, **Total length** 499.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.50 mm


111000 Starter 24 V

Replacing: 0001371020, 0001371018

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, **Total length** 497.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.

A: 92.00 **B:** 47.25 mm


111001 Starter 12 V, 3.0 kW

Replacing: 0001367005, 0001362036,
0001362023, 0001359113, 0001359083,
0001359056, 0001359038, 0001358005

Servicing: Lamborghini, Same, Steyr

B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 20.60 mm


111015 Starter 12 V, 1.1 kW

Replacing: 0001108129, 0001107085,
0001107062, 0001107033

Servicing: Lombardini, Various Agriculture
Vehicles

B+ M8, **Total length** 216.25,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 15.00 mm


111103 Starter 12 V, 0.8 kW

Replacing: 9004475300

Servicing: Hillman, MG, Morris, Triumph,
Various Agriculture Vehicles, Vauxhall

B+ M8, **Total length** 321.50,
Gear type DD, **Mounting holes** 2 (0)

A: 88.80 **B:** 60.35 mm


111217 Starter 12 V, 3.0 kW

Replacing: BNG4/12CR222, 0001418004,
0001418003, 0001413010, 0001413007,
0001401068, 0001401052, 0001401028

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 383.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


111249 Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS165BR,
BNG4/24CR165BR, 0001416027, 0001416017,
0001414018, 0001402058, 0001402056

B+ M10, **Total length** 381.80,
Drive type Bronze, **Gear type** DD,
Mounting holes 3 (0), Waterproof

A: 89.00 **B:** 48.25 mm


111300 Starter 12 V, 1.4 kW

Replacing: 0001108181

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, **Total length** 214.55,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 21.00 mm


111332 Starter 12 V, 2.7 kW

Replacing: 0001362341, 0001362314,
0001362306, 0001362043, 0001362025,
0001359072

Servicing: Fendt, Renault Agriculture

B+ M8, **Total length** 293.55,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 21.00 mm


111346 Starter 12 V, 2.8 kW

Replacing: 9004475061

Servicing: Massey Ferguson

B+ M8, **Total length** 314.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm


111573 Starter 12 V, 2.8 kW

Replacing: 0001359116

Servicing: Avia, JCB, TCM, Various
Agriculture Vehicles

B+ M8, **Total length** 311.00,
Gear type DD/GR, **Mounting holes** 3 (0)

A: 101.00 **B:** 25.50 mm


111752 Starter 12 V, 2.7 kW

Replacing: 0001369016, 0001367001,
0001362300, 0001362063, 0001359074,
0001359014, 0001354080, 0001354073

Servicing: Case, Payloader

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm


111755 Starter 12 V, 3.0 kW

Replacing: 0001369022, 0001369005, 0001369001, 0001367078, 0001367075, 0001367037, 0001362316, 0001362312

Servicing: John Deere

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 34.00 mm


111791 Starter 12 V, 2.4 kW

Replacing: EJD3/12BR4, 0001362052, 0001359107, 0001358050, 0001358021

Servicing: Claas

B+ M10, **Total length** 315.60,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


111855 Starter 12 V, 2.2 kW

Replacing: 0001223002, 0001218772, 0001218172, 0001109370

Servicing: KHD, Various Agriculture Vehicles

B+ M8, **Total length** 267.00,
Gear type GR, **Mounting holes** 2 (0)

A: 82.50 **B:** 23.00 mm


111885 Starter 12 V, 3.1 kW

Replacing: 0001369025, 0001369019, 0001369007, 0001367072, 0001367019

Servicing: Case

B+ M10, **Total length** 332.50,
Gear type DD, **Mounting holes** 3 (0)
Oil and waterproof.

A: 89.00 **B:** 48.00 mm


111911 Starter 12 V, 1.4 kW

Replacing: 0001108442, 0001108401, 0001108231, 0001108230, 0001108190, 0001108157, 0001108108, 0001107443

Servicing: Bertolini, BMW, Ford, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 231.50,
Gear type GR, **Mounting holes** 3 (2)

A: 76.00 **B:** 20.50 mm


112034 Starter 12 V, 1.7 kW

Replacing: 0001214002, 0001115042, 0001110033, 0001109029

Servicing: ACME, Arona, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini, VW

B+ M8, **Total length** 233.30,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 27.00 mm


112039 Starter 12 V, 2.7 kW

Replacing: 0001366004, 0001362076, 0001362040, 0001362018, 0001362017, 0001358038, 0001354091, 0001354012

Servicing: Fendt, Jenbacher Werke, KHD, Lombardini

B+ M8, **Total length** 295.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 24.00 mm


112041 Starter 12 V, 2.2 kW

Replacing: 0001362700

Servicing: KHD, Various Agriculture Vehicles

B+ M10, **Total length** 293.00,
Gear type DD, **Mounting holes** 3 (0)

A: 82.50 **B:** 21.00 mm


112071 Starter 12 V, 3.0 kW

Replacing: 0001262002, 0001230014, 0001230006

Servicing: Deutz-Fahr

B+ M10, **Total length** 315.80,
Gear type GR, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.80 mm


112074 Starter 12 V, 3.1 kW

Replacing: 0001369023, 0001369020, 0001369015, 0001367006

Servicing: Ford, New Holland

B+ M8, **Gear type** DD,
Mounting holes 3 (0)

A: 92.00 **B:** 21.00 mm


112132 Starter 24 V, 4.0 kW

Replacing: 0001368030, 0001360036, 0001360023

Servicing: Volvo BM

B+ M10, **Total length** 339.00,
Gear type DD, **Mounting holes** 3 (0),
Oil sealed

A: 88.70 **B:** 47.00 mm


112135 Starter 12 V, 3.1 kW

Replacing: 0001369018, 0001362301, 0001362064, 0001359075, 0001359019, 0001354074

Servicing: Case

B+ M10, **Total length** 315.50,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 22.00 mm


112171 Starter 12 V, 1.1 kW

Replacing: 0001107024

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, **Total length** 220.00,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 28.00 mm


112172 Starter 12 V, 1.6 kW

Replacing: 0001314001, 0001115035, 0001110042, 0001110041, 0001110028, 0001109009

Servicing: Arona, BMW, Ferrari, Lombardini, Mosa

B+ M8, **30h** M5, **Total length** 267.50,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 28.00 mm


112249 Starter 12 V, 2.7 kW

Replacing: 0001366025, 0001354095, 0001354031

Servicing: Mercedes-Benz, Various Agriculture Vehicles

B+ M10, **Total length** 295.00,
Gear type GR, **Mounting holes** 2 (0)

A: 82.50 **B:** 21.50 mm


112442 Starter 12 V, 3.0 kW

Replacing: 0001367077, 0001230002

Servicing: John Deere

B+ M10, **Total length** 315.00,
Gear type GR, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


112555 Starter 12 V, 3.1 kW

Replacing: 0001369024, 0001369014, 0001230014

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer, Jenbacher Werke, KHD, Kramer, Linde

B+ M10, **Total length** 303.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.50 mm


112660 Starter 12 V, 2.8 kW

Replacing: 0001367042, 0001362310, 0001359069, 0001359045

Servicing: Case

B+ M10, **Total length** 333.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 48.00 mm


113007 Starter 24 V, 4.0 kW

Replacing: 0001368059

Servicing: John Deere

B+ M10, **Total length** 338.50,
Clutch type Wet, **Gear type** GR,
Mounting holes 2 (0)

A: 82.50 **B:** 33.00 mm


113182 Starter 12 V, 3.0 kW

Replacing: 0001230023, 0001230010, 0001230007

Servicing: New Holland

B+ M10, **Total length** 320.00,
Gear type GR, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm


113184 Starter 24 V, 4.0 kW

Replacing: 0001368069

Servicing: Case

B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.70 **B:** 48.00 mm


113268 Starter 12 V, 1.6 kW

Replacing: 0001314016, 0001307035, 0001109012

Servicing: Arona, Claas, Ferrari, Goldoni, Lombardini, Valpadana

B+ M8, **Total length** 255.50,
Gear type GR, **Mounting holes** 2 (0)

A: 82.40 **B:** 22.00 mm


113269 Starter 12 V, 3.0 kW

Replacing: 0001359094

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, **Total length** 234.50, **Gear type** GR, **Mounting holes** 3 (0)

A: 88.80 B: 31.50 mm


113353 Starter 24 V, 4.0 kW

Replacing: 0001368311

Servicing: Fendt

B+ M10, **Total length** 340.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.80 B: 27.50 mm


113467 Starter 12 V, 3.7 kW

Replacing: 0001365004

Servicing: Atlas Copco, Deutz-Fahr, Iveco

B+ M10, **Total length** 346.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.80 B: 28.00 mm


113478 Starter 12 V, 2.8 kW

Replacing: 0001230005, 0001230003, 0001223502

Servicing: Atlas Copco, John Deere

B+ M10, 15a M5, **Total length** 303.50, **Gear type** DD, **Mounting holes** 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


113482 Starter 12 V, 3.0 kW

Replacing: 0001367046, 0001367045, 0001359089, 0001359087, 0001359044, 0001359013

Servicing: Volvo BM

B+ M10, **Total length** 338.50, **Clutch type** Wet, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.75 B: 47.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: 0001368039, 0001368037

Servicing: Sisu, Valtra

B+ M10, **Total length** 340.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.85 B: 47.50 mm


113534 Starter 12 V, 3.0 kW

Replacing: 0001367069

Servicing: Fiat-Allis, Perkins

B+ M8, **Total length** 342.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.85 B: 27.00 mm


113570 Starter 12 V, 4.2 kW

Replacing: 0001260025

Servicing: Valtra

B+ M10, **Total length** 321.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 88.85 B: 48.50 mm


113695 Starter 24 V, 6.0 kW

Replacing: 0001371001

Servicing: Caterpillar

B+ M12, **Total length** 433.50, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed

Replacing: 37MT.

A: 89.00 B: 47.00 mm



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113726 Starter 12 V, 3.0 kW

Replacing: 0001367061

Servicing: Case

Total length 341.00

A: 89.00 B: 51.00 mm


113850 Starter 24 V, 5.4 kW

Replacing: 0001416059

Servicing: Volvo BM

B+ M10, B- M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


113900 Starter 12 V, 2.5 kW

Replacing: F000AL0115, 6004AA3014, 0001109331, 0001109330

Servicing: John Deere

B+ M8, **Total length** 239.50, **Gear type** DD, **Mounting holes** 2 (0)

A: 82.50 B: 26.00 mm



113968 Starter 12 V, 3.6 kW
Replacing: 0001369200
Servicing: New Holland
B+ M8, **Total length** 330.00,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 20.00 mm



114002 Starter 12 V, 4.2 kW
Replacing: 0001262022, 0001230021
Servicing: Case
B+ M10, **Total length** 316.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 27.00 mm



114021 Starter 12 V, 3.0 kW
Replacing: 0001230020
Servicing: New Holland
B+ M10, **Total length** 314.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 29.00 mm



114050 Starter 12 V, 4.2 kW
Replacing: 0001230022
Servicing: New Holland
B+ M10, **30h** M10, **Total length** 317.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 27.50 mm



114055 Starter 12 V, 2.3 kW
Replacing: 0001218776, 0001218176,
0001109357
Servicing: Jacobsen, John Deere
B+ M8, **Total length** 273.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 21.00 mm



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114170 Starter 24 V, 4.0 kW
Replacing: 0001368004
Servicing: Volvo
B+ M10, **Total length** 340.00,
Mounting holes 2 (0)
A: 89.00 **B:** 48.20 mm



114195 Starter 12 V, 3.0 kW
Replacing: 0001230018, 0001230008
Servicing: John Deere
B+ M10, **Total length** 312.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 51.00 mm



114196 Starter 24 V, 4.0 kW
Replacing: 0001263020, 0001231027,
0001231026
Servicing: Case, New Holland
B+ M10, **Total length** 317.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 27.60 mm



114220 Starter 24 V, 4.0 kW
Replacing: 0001231018, 0001101110
Servicing: Deutz-Fahr
B+ M10, **Total length** 315.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 25.00 mm



114320 Starter 12 V, 3.0 kW
Replacing: 0001230013
Servicing: JCB, KHD
B+ M10, **Total length** 316.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 23.00 mm



114437 Starter 24 V, 5.4 kW
Replacing: 0001416031
Servicing: Atlas Copco, Bosch, Ford, KHD,
Poclairn
B+ M10, **B-** M10, **Total length** 324.00,
Mounting holes 3 (0), **Insulated return**
A: 89.00 **B:** 47.50 mm



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114446 Starter 24 V, 5.4 kW
Replacing: 0001416046
Servicing: Iveco
B+ M10, **Mounting holes** 3 (0)
A: 92.00 **B:** 47.50 mm



114478 Starter 24 V, 3.2 kW

Replacing: 0001363113

Servicing: Lombardini

B+ M10, Gear type GR,

Mounting holes 2 (0)

A: 82.50 B: 23.00 mm



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114676 Starter 12 V, 2.2 kW

Replacing: 0001362705

Servicing: KHD

B+ M10, Mounting holes 3 (0)

A: 82.50 B: 23.00 mm



110635 Starter 12 V, 0.5 kW

Replacing: 497596, 435307, 394808, 394674, 393017

Servicing: Briggs & Stratton, Various Agriculture Vehicles

B+ M6, **Total length** 169.00,
Gear type DD, **Mounting holes** 2 (0)

B: 15.60 mm



113853 Starter 12 V

Replacing: 693551

Servicing: Briggs & Stratton, Cub Cadet, John Deere

B+ 1/4" UNC, **Total length** 170.00,
Drive type Bronze, **Gear type** PMDD,
Mounting holes 3 (0)



111804 Starter 12 V, 0.6 kW

Replacing: 396306, 394807, 391178

Servicing: Toro, Various Agriculture Vehicles

B+ 1/4" UNC, **Total length** 182.00,
Drive type Plastic, **Gear type** DD,
Mounting holes 2 (0)

B: 50.00 mm



112242 Starter 12 V, 0.6 kW

Replacing: 498148, 495100, 399928

Servicing: Briggs & Stratton, Various Agriculture Vehicles

B+ M6, **Total length** 182.00,
Gear type DD, **Mounting holes** 2 (0)

B: 10.00 mm



113539 Starter 12 V

Replacing: 808106, 693469, 691564

Servicing: Briggs & Stratton, John Deere

B+ M8, **Total length** 185.70,
Drive type Bronze, **Gear type** DD,
Mounting holes 2 (0)


110206 Starter 24 V, 5.4 kW

Replacing: 860508, 857470

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

110207 Starter 24 V, 5.4 kW

Replacing: 110207

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

110208 Starter 24 V, 5.4 kW

Replacing: 860504, 860121

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed, Waterproof

A: 89.00 **B:** 48.50 mm

110210 Starter 24 V, 6.6 kW

Replacing: 860506, 860132, 857468

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

110442 Starter 12 V, 2.1 kW

Replacing: 859883

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, **Total length** 309.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 30.00 mm

110449 Starter 12 V, 3.6 kW

Replacing: 870644

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, **Total length** 370.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 48.75 mm

110517 Starter 24 V, 3.2 kW

Replacing: 860104

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, **Total length** 295.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm

110518 Starter 24 V, 4.0 kW

Replacing: LNS4524/20, 859542

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm

110523 Starter 24 V, 4.8 kW

Replacing: LNS4524/17, 859539

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 27.50 mm

110525 Starter 12 V, 3.0 kW

Replacing: 860130, 860109

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 341.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm

111000 Starter 24 V

Replacing: MS1A/25, MS1A/20, MS1/411AZ, MS1/401A, MS1-403A, MS1-401C, MS1-401A, MS1-401, MS1-124, MS1-103

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, **Total length** 497.50, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed
Replacing: 42MT.

A: 92.00 **B:** 47.25 mm



111024 Starter 12 V, 3.6 kW

Replacing: 870646

Servicing: Clark, Lister, Massey Ferguson, Perkins

B+ M8, Total length 370.50,

Gear type DD, Mounting holes 3 (0), Oil sealed

A: 89.00 B: 47.45 mm



111041 Starter 12 V, 2.8 kW

Replacing: LNS2810

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Total length 338.50,

Gear type GR, Mounting holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm



111574 Starter 12 V, 2.8 kW

Replacing: 858762

Servicing: ERF, LDV International, Various Agriculture Vehicles

B+ M8, Total length 340.00,

Gear type DD, Mounting holes 3 (0)

A: 88.75 B: 47.15 mm


110206 Starter 24 V, 5.4 kW

Replacing: S115HD24-1, 2998011, 1403000

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

110207 Starter 24 V, 5.4 kW

Replacing: S115A24-21, 2998008, 1327A601, 1327A600

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

110210 Starter 24 V, 6.6 kW

Replacing: 2998010

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

110347 Starter 24 V, 7.5 kW

Replacing: 2311040

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ M12, **15a** M4, **Total length** 522.00, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

Replacing: 50MT.

A: 92.00 **B:** 47.00 mm

110449 Starter 12 V, 3.6 kW

Replacing: Z1320F515, S115A12-1, CA45H12-2, CA45G12-51A, CA45G12-51, CA45G12-2M, CA45G12-2, CA45F12-Y81

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, **Total length** 370.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 48.75 mm

110518 Starter 24 V, 4.0 kW

Replacing: 2998201

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm

110525 Starter 12 V, 3.0 kW

Replacing: 2998000

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 341.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm

110529 Starter 12 V, 3.0 kW

Replacing: 2998200

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 340.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm

110531 Starter 24 V, 6.6 kW

Replacing: 2998007

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B+ M12, **B-** M10, **Total length** 405.00, **Gear type** DD, **Mounting holes** 0 (0)

A: 56.00 **B:** 43.00 mm

111000 Starter 24 V

Replacing: 2998150

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, **Total length** 497.50, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 47.25 mm

111024 Starter 12 V, 3.6 kW

Replacing: Z1320F720, S115A12-2, S115A12-12, S11512-2, CA45H12-72, CA45G12-72, CA45F12-Y72, CA45F12-72

Servicing: Clark, Lister, Massey Ferguson, Perkins

B+ M8, **Total length** 370.50, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed

A: 89.00 **B:** 47.45 mm



111798 Starter 24 V, 7.8 kW

Replacing: S115A24-18, S11524-18, S11424-18, 1327A571, 1327A570, 1327571, 1327570

Servicing: Ford

B+ M8, **Total length** 372.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 47.50 mm


110245 Starter 12 V, 1.0 kW

Replacing: 128000-6841, 128000-6840, 128000-6621, 128000-6620, 028000-8434, 028000-8432, 028000-8431

Servicing: Kubota, Various Agriculture Vehicles

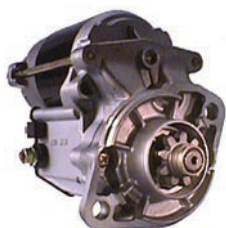
B+ M8, **Total length** 196.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 26.00 mm


110246 Starter 12 V, 1.4 kW

Replacing: 228000-1061, 228000-1060, 128000-4900, 028000-6140

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 212.00,
Gear type GR, **Mounting holes** 2 (0)
A: 66.00 **B:** 18.00 mm


110356 Starter 12 V, 1.4 kW

Replacing: 228000-1050, 128000-2131, 128000-2130

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 207.20,
Gear type GR, **Mounting holes** 2 (0)
A: 82.40 **B:** 25.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: 028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, **Total length** 188.00,
Gear type DD, **Mounting holes** 2 (0)
A: 66.00 **B:** 16.00 mm


110447 Starter 12 V, 1.0 kW

Replacing: 428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0970, 228000-0800

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 199.50,
Gear type GR, **Mounting holes** 2 (0)
A: 66.00 **B:** 17.00 mm


110627 Starter 12 V, 2.5 kW

Replacing: 228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880

Servicing: Case, Ford

B+ M8, **Total length** 291.00,
Gear type GR, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.60 mm


110940 Starter 12 V, 1.4 kW

Replacing: 228000-6250, 228000-1071, 228000-1070, 228000-1041, 228000-1040, 228000-1002, 228000-1001

Servicing: Carrier Transcold, Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 212.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 26.50 mm

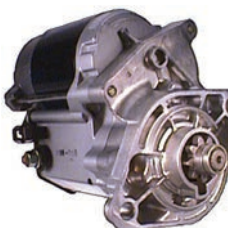

110999 Starter 24 V

Replacing: 228000-0070, 128000-7520, 128000-7510

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, **Total length** 499.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.

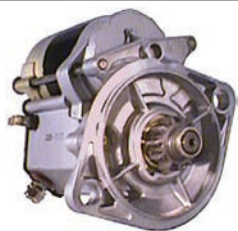
A: 92.00 **B:** 46.50 mm


111021 Starter 12 V, 1.4 kW

Replacing: 228000-7671, 228000-3660, 228000-1531, 228000-1530, 228000-0991, 228000-0990, 228000-0150

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 209.50,
Gear type GR, **Mounting holes** 2 (0)
A: 66.00 **B:** 18.00 mm

**111087** Starter 12 V, 1.0 kW

Replacing: 128000-1152, 128000-1151, 128000-1150

Servicing: John Deere, Yanmar

B+ M8, **Total length** 199.45,

Gear type GR, **Mounting holes** 2 (0)

A: 94.90 **B:** 21.00 mm

**111197** Starter 12 V, 2.0 kW

Replacing: 228000-4750, 228000-4593, 228000-4592, 228000-4591, 228000-4590, 228000-4572, 228000-4571

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 232.40,

Gear type GR, **Mounting holes** 2 (0)

A: 82.55 **B:** 26.00 mm

**111224** Starter 12 V, 4.0 kW

Replacing: 128000-9680, 128000-5913, 128000-5912, 128000-5911, 128000-5910, 128000-0772, 128000-0771

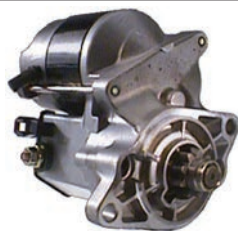
Servicing: John Deere

B+ M10, **Total length** 402.50,

Gear type GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 37MT.

A: 88.90 **B:** 47.60 mm

**111622** Starter 12 V, 1.2 kW

Replacing: 228000-0951, 228000-0950

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 177.50,

Clutch type Wet, **Gear type** GR,

Mounting holes 2 (0)

A: 66.30 **B:** 16.00 mm

**111683** Starter 12 V, 2.0 kW

Replacing: 228000-5382, 228000-4293, 228000-4292, 228000-4291, 228000-4290, 228000-3852, 228000-3851

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, **Total length** 232.50,

Gear type GR, **Mounting holes** 2 (0)

A: 95.00 **B:** 19.50 mm

**111911** Starter 12 V, 1.4 kW

Replacing: 428000-0670

Servicing: Bertolini, BMW, Ford, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 231.50,

Gear type GR, **Mounting holes** 3 (2)

A: 76.00 **B:** 20.50 mm

**112089** Starter 12 V

Replacing: 228000-1211, 228000-1210, 128000-1340

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ M12, **B-** M12, **15a** M5,

Total length 500.00, **Clutch type** Wet,

Gear type DD, **Mounting holes** 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.00 mm

**112246** Starter 12 V, 0.6 kW

Replacing: 128000-2950, 028000-8411, 028000-8410

Servicing: Honda, John Deere

B+ M6, **Total length** 193.00,

Gear type DD, **Mounting holes** 2 (0)

Solenoid: Cargo 133711.

A: 62.45 **B:** 10.00 mm

**112546** Starter 12 V, 0.6 kW

Replacing: 228000-2640, 128000-7480

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, **Total length** 205.60,

Clutch type Wet, **Gear type** DD,

Mounting holes 2 (0)

A: 63.00 **B:** 8.00 mm


113208 Starter 12 V, 0.8 kW

Replacing: 228000-4620

B+ M8, **Total length** 180.00,
Gear type DD, **Mounting holes** 2 (2)

A: 73.90 B: 20.00 mm


113230 Starter 12 V, 0.7 kW

Replacing: 128000-4520

Servicing: Massey Ferguson

B+ M8, **Total length** 204.30,
Gear type GR, **Mounting holes** 0 (0)

A: 63.40 B: 43.40 mm


113429 Starter 12 V, 4.2 kW

Replacing: 228000-6391, 228000-5621,
228000-5620, 128000-9801, 128000-9800,
128000-6391, 128000-5621

Servicing: Case, Cummins

B+ M10, **Total length** 326.00,
Gear type GR, **Mounting holes** 3 (0)

A: 91.90 B: 47.50 mm


113596 Starter 12 V, 0.6 kW

Replacing: 128000-4020

Servicing: John Deere, Kawasaki, Kubota

B+ M8, **Total length** 180.00,
Gear type DD, **Mounting holes** 2 (2)

A: 70.00 B: 19.00 mm


113597 Starter 12 V, 0.6 kW

Replacing: 128000-9360

Servicing: John Deere, Kawasaki

B+ M8, **Total length** 181.00,
Gear type DD, **Mounting holes** 2 (0)

A: 65.90 B: 17.00 mm


113655 Starter 12 V, 3.0 kW

Replacing: 428000-1290

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, **Total length** 291.00,
Gear type GR, **Mounting holes** 3 (0)

Cargo 113655 is a Marelli/Denso version, and cannot replace the Iskra version (cargoref# 114388)

A: 89.00 B: 30.50 mm


113663 Starter 12 V, 0.7 kW

Replacing: 228000-2211, 228000-2210

Servicing: John Deere, Kawasaki

B+ M8, **Total length** 183.00,
Clutch type Wet, **Gear type** DD,
Mounting holes 2 (0)

A: 65.80 B: 17.00 mm


113696 Starter 12 V, 2.0 kW

Replacing: 228000-5123, 228000-5122,
228000-5121, 228000-5120, 228000-2970

Servicing: Ford, New Holland

B+ M8, **Total length** 219.00,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 B: 20.00 mm


113725 Starter 12 V, 2.5 kW

Replacing: 428000-1860, 428000-1850,
228000-9100, 228000-6981, 228000-6980,
228000-4671, 228000-4670

Servicing: Case

B+ M10, **Total length** 300.00,
Gear type DD, **Mounting holes** 2 (0)

A: 88.60 B: 49.00 mm


113734 Starter 12 V, 0.6 kW

Replacing: 128000-7050

Servicing: Bombardier, John Deere, Kawasaki

B+ M8, **Total length** 180.50,
Gear type GR, **Mounting holes** 2 (0)

A: 66.00 B: 17.50 mm


113736 Starter 12 V, 4.8 kW

Replacing: 228000-9140, 228000-8083,
228000-8082, 228000-8081, 228000-8080,
228000-6532, 228000-6531

Servicing: John Deere, Komatsu

B+ M12, **Total length** 320.00,
Gear type GR, **Mounting holes** 3 (0)

A: 89.00 B: 47.00 mm


113893 Starter 12 V, 1.2 kW

Replacing: 34070-16800, 34070-16083,
128000-8462, 128000-8461, 128000-8460

Servicing: Kubota

B+ M8, **Total length** 178.50,
Clutch type Wet, **Gear type** GR,
Mounting holes 2 (0)

A: 82.30 B: 24.80 mm



113983 Starter 12 V, 3.0 kW

Replacing: 228000-6552, 228000-6551, 228000-6550

Servicing: John Deere

B+ M12, Total length 315.00,
Gear type GR, Mounting holes 3 (0)

A: 88.80 B: 47.60 mm



114197 Starter 12 V, 1.1 kW

Replacing: 228000-7471, 228000-7470

Servicing: John Deere

B+ M8, Total length 209.00,
Gear type GR, Mounting holes 2 (0)

A: 89.00 B: 17.00 mm



NEW PRODUCT
www.hc-cargo.com

114399 Starter 12 V, 2.7 kW

Replacing: 428000-3140

Servicing: Case, New Holland

Mounting holes 2 (0)



NEW PRODUCT
www.hc-cargo.com

114400 Starter 12 V, 1.0 kW

Replacing: 228000-8090

Servicing: John Deere

B+ M8, Total length 164.00,
Gear type GR

A: 95.00 B: 20.00 mm



NEW PRODUCT
www.hc-cargo.com

114449 Starter 12 V, 4.0 kW

Replacing: 228000-6872, 228000-6871, 228000-6870

Servicing: Case

B+ M10, Total length 318.00,
Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 47.50 mm



NEW PRODUCT
www.hc-cargo.com

114459 Starter 12 V, 4.8 kW

Replacing: 228000-8471, 228000-8470

Servicing: John Deere

Mounting holes 3 (0)



114485 Starter 12 V, 1.0 kW

Replacing: 228000-5401, 228000-5400

Servicing: Kubota

B+ M8x1.25, Total length 205.00,
Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm



NEW PRODUCT
www.hc-cargo.com

114486 Starter 12 V

Replacing: 128000-2760

Servicing: John Deere, Kawasaki

Gear type DD, Mounting holes 2 (0)



NEW PRODUCT
www.hc-cargo.com

114501 Starter 12 V, 1.0 kW

Replacing: 228000-5590

Servicing: Kubota

Gear type GR, Mounting holes 2 (0)



110439 Starter 12 V, 2.0 kW

Replacing: 6232, 6127

Servicing: Buhrrer, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm



110462 Starter 12 V, 2.8 kW

Replacing: 538501

Servicing: Buhrrer, Ford, Matbro, New Holland

B+ M8, Total length 319.45,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 538505, 538502

Servicing: Eicher, Massey Ferguson

B+ M8, Total length 313.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm


110206 Starter 24 V, 5.4 kW

Replacing: R23.08, 6080000

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

110207 Starter 24 V, 5.4 kW

Replacing: R23.10, 6100000

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

110208 Starter 24 V, 5.4 kW

Replacing: R23.11, 6110000

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed, Waterproof

A: 89.00 **B:** 48.50 mm

110210 Starter 24 V, 6.6 kW

Replacing: R23.05, R22.05, R20.42, 6050000, 0050000

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

110213 Starter 24 V, 6.6 kW

Replacing: R22.07, 0070000

Servicing: Fiat, Iveco

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 115.00 **B:** 20.80 mm

110520 Starter 24 V, 4.0 kW

Replacing: R10TA, R10.05

Servicing: Cummins, Fiat-Allis

B+ M10, **Total length** 343.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.50 mm

110522 Starter 12 V, 3.0 kW

Replacing: R11C, R11.03

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.50 mm

110523 Starter 24 V, 4.8 kW

Replacing: R10.08, 6090000

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 27.50 mm

110529 Starter 12 V, 3.0 kW

Replacing: R11W, R11.07

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 340.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm

110531 Starter 24 V, 6.6 kW

Replacing: R22.12, R22.10, 6220000, 0120000, 0100000, 0090000

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B+ M12, **B-** M10, **Total length** 405.00, **Gear type** DD, **Mounting holes** 0 (0)

A: 56.00 **B:** 43.00 mm

110534 Starter 24 V, 5.4 kW

Replacing: R23.18, 6180000

Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles

B+ M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

110536 Starter 12 V, 2.7 kW

Replacing: R11K, R11.12

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.00 mm



110545 Starter 12 V, 3.0 kW

Replacing: R11N, R11F, R11A, R11.10, R11.06, R11.01

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm



110550# Starter 24 V, 4.0 kW

Replacing: R10U, R10G, R10B, R10.07, R10.06, R10.03

Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Various Agriculture Vehicles

B+ M10, **Total length** 378.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm



110551 Starter 12 V, 3.0 kW

Replacing: R11B, R11.02

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, **Total length** 326.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm



111249 Starter 24 V, 5.4 kW

Replacing: R23.14, 6140000

B+ M10, **Total length** 381.80,

Drive type Bronze, **Gear type** DD, **Mounting holes** 3 (0), Waterproof

A: 89.00 **B:** 48.25 mm



12,13

**110461** Starter 12 V, 2.8 kW

Replacing: 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm



10

**110462** Starter 12 V, 2.8 kW

Replacing: D9NN11000AA, D8NN11000CE, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A, D0NN11000B

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm



9

**110868** Starter 12 V, 1.1 kW

Replacing: 76EB11000AA, 71EB11000BA, 71BB11000AA, 70GB11000BA, 5003623, 1568699, 1438288

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

B+ M8, **15a** M5, **Total length** 255.25, **Gear type** DD, **Mounting holes** 2 (0)

A: 76.00 **B:** 4.50 mm



10

**111224** Starter 12 V, 4.0 kW

Replacing: C3OF11001B

Servicing: John Deere

B+ M10, **Total length** 402.50, **Gear type** GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 37MT.

A: 88.90 **B:** 47.60 mm



9,11,12

**111300** Starter 12 V, 1.4 kW

Replacing: SBA185086500, SBA185086410

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, **Total length** 214.55, **Gear type** GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 21.00 mm



10

**112074** Starter 12 V, 3.1 kW

Replacing: F0NN11000CA, F0NN11000BA, 898821291, 89821291, 82013922, 82007917, 82005342, 81866002, 3918688

Servicing: Ford, New Holland

B+ M8, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm



11

**112089** Starter 12 V

Replacing: SA768A, E8HZ11002HA, E8HZ11002A, E8HT11001AA, E6HZ11002D, E6HZ11002C, E6HT11001CA, C6TZ11002E

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ M12, **B-** M12, **15a** M5, **Total length** 500.00, **Clutch type** Wet, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.00 mm



9,11

**112177** Starter 12 V, 1.7 kW

Replacing: SBA185086650, SBA185086551

Servicing: Ford, New Holland

B+ M8, **Total length** 213.00, **Gear type** GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 20.00 mm



10

**113125** Starter 12 V

Replacing: SA764A, SA-764A, E9HZ11002A, E9HT11001BA

Servicing: Ford, New Holland

B+ 1/2" UNC, **Total length** 401.50, **Clutch type** Wet, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed

Replacing: 37MT, 41MT.

A: 92.00 **B:** 48.25 mm



113696 Starter 12 V, 2.0 kW

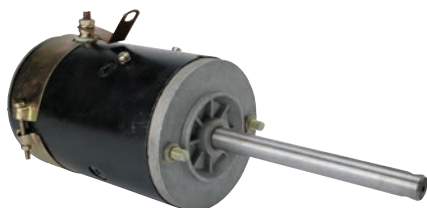
Replacing: SBA185086530

Servicing: Ford, New Holland

B+ M8, Total length 219.00,

Gear type GR, Mounting holes 2 (0)

A: 74.00 B: 20.00 mm



113728 Starter 6 V

Replacing: 9N11002, 9N11001, 8N11002,
8N11001

Servicing: Ford

Only for US market.



113968 Starter 12 V, 3.6 kW

Replacing: F1NN11000AA, F0NN7H022BA,
82013923, 82005343

Servicing: New Holland

B+ M8, Total length 330.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm



114388 Starter 12 V, 3.2 kW

Replacing: 9HT12010A6A

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, **30h** M10,

Total length 296.50, **Gear type** DD,

Mounting holes 3 (0)

Iskra version.

A: 89.00 **B:** 32.50 mm


110412 Starter 12 V, 2.2 kW

Replacing: S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06

Servicing: Isuzu, John Deere, TCM

B+ M8, **Total length** 233.80,
Gear type DD, **Mounting holes** 2 (0)

A: 94.90 **B:** 20.30 mm


110439 Starter 12 V, 2.0 kW

Replacing: S12-87, S12-85

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, **Total length** 309.50,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 25.00 mm


110443 Starter 12 V, 2.1 kW

Replacing: S12-84

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm


110462 Starter 12 V, 2.8 kW

Replacing: S13-61A, S13-61

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm


110552 Starter 12 V, 1.2 kW

Replacing: S114-381

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, **Total length** 194.00,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 20.00 mm


110565 Starter 12 V, 2.8 kW

Replacing: S13-74, S13-73B, S13-73, S12-73

Servicing: Eicher, Massey Ferguson

B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm


111098 Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

B+ M8, **Total length** 212.50,
Gear type GR, **Mounting holes** 2 (0)

A: 80.00 **B:** 22.60 mm


111683 Starter 12 V, 2.0 kW

Replacing: S13-136

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, **Total length** 232.50,
Gear type GR, **Mounting holes** 2 (0)

A: 95.00 **B:** 19.50 mm


112674 Starter 12 V, 1.3 kW

Replacing: S114-230A, S114-230

Servicing: Yanmar

B+ M8, **Total length** 208.00,
Clutch type Wet, **Gear type** DD,
Mounting holes 2 (0)

A: 89.00 **B:** 24.00 mm


113680 Starter 12 V, 0.9 kW

Replacing: S114-656A, S114-656, S114-203

Servicing: Yanmar

B+ M8, **Total length** 189.00,
Gear type GR, **Mounting holes** 2 (0)

A: 88.70 **B:** 16.00 mm



NEW PRODUCT
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114401 Starter 12 V, 1.2 kW

Replacing: S114-821A, S114-821

Servicing: John Deere

Mounting holes 2 (2)

**110206** Starter 24 V, 5.4 kW

Replacing: AZK5545, AZK5401, 11.139.506, 11.130.041

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

**110210** Starter 24 V, 6.6 kW

Replacing: AZK5191, 11.139.032

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

**110213** Starter 24 V, 6.6 kW

Replacing: AZK5179, 11.139.020

Servicing: Fiat, Iveco

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 115.00 **B:** 20.80 mm

**110439** Starter 12 V, 2.0 kW

Replacing: AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, **Total length** 309.50,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 25.00 mm

**110442** Starter 12 V, 2.1 kW

Replacing: AZJ3447, 11.131.635

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 30.00 mm

**110449** Starter 12 V, 3.6 kW

Replacing: AZK5133, 11.139.038, 11.130.320

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, **Total length** 370.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 48.75 mm

**110461** Starter 12 V, 2.8 kW

Replacing: AZJ3279, 11.130.769

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm

**110462** Starter 12 V, 2.8 kW

Replacing: AZJ3198, AZJ3182, 11.130.624, 11.130.579

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm

**110464** Starter 12 V, 2.1 kW

Replacing: AZJ3324, 11.130.795

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, **Total length** 336.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

**110517** Starter 24 V, 3.2 kW

Replacing: AZJ3542, AZJ3520, 11.130.216, 11.130.146

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, **Total length** 295.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm

**110518** Starter 24 V, 4.0 kW

Replacing: AZJ3515, AZJ3460, AZJ3131, 11.139.454, 11.130.490, 11.130.124

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm


110520 Starter 24 V, 4.0 kW

Replacing: AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121

Servicing: Cummins, Fiat-Allis

B+ M10, **Total length** 343.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.50 mm


110521 Starter 24 V, 4.0 kW

Replacing: AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 343.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm


110522 Starter 12 V, 3.0 kW

Replacing: AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.50 mm


110523 Starter 24 V, 4.8 kW

Replacing: AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, **Gear type** DD,

Mounting holes 3 (0)

A: 89.00 **B:** 27.50 mm


110525 Starter 12 V, 3.0 kW

Replacing: AZJ3548, AZJ3118, 11.130.412, 11.130.229

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 341.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


110529 Starter 12 V, 3.0 kW

Replacing: AZJ3582, AZJ3535, AZJ3517, AZJ3116, AZJ3110, 11.130.410, 11.130.403, 11.130.322, 11.130.199

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 340.50,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm


110530 Starter 12 V, 3.0 kW

Replacing: AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083

Servicing: Huerlimann, Lamborghini, Same

B+ M10, **Total length** 342.00,

Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 22.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.00 mm


110537 Starter 12 V, 3.6 kW

Replacing: AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126

Servicing: Volvo BM

B+ M10, **B-** M10, **Total length** 384.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm


110545 Starter 12 V, 3.0 kW

Replacing: AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm


110551 Starter 12 V, 3.0 kW

Replacing: AZJ3285, 11.130.821

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, **Total length** 326.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm


110565 Starter 12 V, 2.8 kW

Replacing: AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244

Servicing: Eicher, Massey Ferguson

B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 29.50 mm


110615 Starter 12 V, 2.8 kW

Replacing: AZJ3369, AZJ3151, 11.131.070, 11.130.526

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, **Total length** 312.25,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 28.60 mm


110640 Starter 12 V, 3.0 kW

Replacing: AZJ3534, AZJ3516, AZJ3115, 11.130.409, 11.130.198, 11.130.127

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, **Total length** 310.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.00 mm


110813 Starter 12 V, 2.7 kW

Replacing: AZJ3538, AZJ3458, AZE6531, 11.139.452, 11.131.603, 11.130.203

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, **Total length** 294.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 25.00 mm


110814 Starter 12 V, 2.7 kW

Replacing: AZJ3514, AZJ3137, 11.130.500, 11.130.123

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, **Total length** 296.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.80 mm


110818 Starter 12 V, 2.1 kW

Replacing: AZJ3347, AZJ3204, 11.130.972, 11.130.630

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 24.60 mm


110819 Starter 12 V, 2.8 kW

Replacing: AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, **Total length** 311.00,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 22.25 mm


111001 Starter 12 V, 3.0 kW

Replacing: AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254

Servicing: Lamborghini, Same, Steyr

B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 20.60 mm


111015 Starter 12 V, 1.1 kW

Replacing: AZD2127, 11.131.928

Servicing: Lombardini, Various Agriculture Vehicles

B+ M8, **Total length** 216.25,
Gear type GR, **Mounting holes** 2 (0)
A: 76.00 **B:** 15.00 mm


111217 Starter 12 V, 3.0 kW

Replacing: AZK5511, AZK5457, AZK5449, AZK5192, AZK5112, 11.139.108, 11.139.098, 11.139.033, 11.130.142

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 383.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm


111224 Starter 12 V, 4.0 kW

Replacing: AZJ3297, AZJ3215, 11.130.860, 11.130.663

Servicing: John Deere

B+ M10, **Total length** 402.50,
Gear type GR, **Mounting holes** 3 (0),
Oil sealed
Replacing: 37MT.

A: 88.90 **B:** 47.60 mm


111332 Starter 12 V, 2.7 kW

Replacing: AZJ3244, AZJ3219, AZJ3218, 11.130.706, 11.130.670, 11.130.669

Servicing: Fendt, Renault Agriculture

B+ M8, **Total length** 293.55,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 21.00 mm


111752 Starter 12 V, 2.7 kW

Replacing: AZJ3314, AZJ3242, 11.130.889, 11.130.704

Servicing: Case, Payloader

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm


111755 Starter 12 V, 3.0 kW

Replacing: AZJ3283, AZJ3274, AZJ3181, AZJ3158, AZJ3157, AZF4596, AZF4521, 11.131.374, 11.130.819, 11.130.793

Servicing: John Deere

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 34.00 mm


111855 Starter 12 V, 2.2 kW

Replacing: AZE4535, AZE4202, 11.131.951, 11.131.109

Servicing: KHD, Various Agriculture Vehicles

B+ M8, **Total length** 267.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 23.00 mm


111885 Starter 12 V, 3.1 kW

Replacing: AZJ3236, AZJ3216, 11.130.695, 11.130.664

Servicing: Case

B+ M10, **Total length** 332.50,
Gear type DD, **Mounting holes** 3 (0)
Oil and waterproof.

A: 89.00 **B:** 48.00 mm


112034 Starter 12 V, 1.7 kW

Replacing: AZE2636, 11.131.157

Servicing: ACME, Arona, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini, VW

B+ M8, **Total length** 233.30,
Gear type GR, **Mounting holes** 2 (0)
A: 76.00 **B:** 27.00 mm


112039 Starter 12 V, 2.7 kW

Replacing: AZJ3192, 11.130.612

Servicing: Fendt, Jenbacher Werke, KHD, Lombardini

B+ M8, **Total length** 295.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 24.00 mm


112041 Starter 12 V, 2.2 kW

Replacing: AZJ3177, 11.130.565

Servicing: KHD, Various Agriculture Vehicles

B+ M10, **Total length** 293.00,
Gear type DD, **Mounting holes** 3 (0)
A: 82.50 **B:** 21.00 mm


112071 Starter 12 V, 3.0 kW

Replacing: AZF4514, AZF4197, AZF4194, 11.131.769, 11.131.754, 11.130.841

Servicing: Deutz-Fahr

B+ M10, **Total length** 315.80,
Gear type GR, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.80 mm


112074 Starter 12 V, 3.1 kW

Replacing: AZJ3201, 11.131.705, 11.130.627

Servicing: Ford, New Holland

B+ M8, **Gear type** DD,
Mounting holes 3 (0)

A: 92.00 **B:** 21.00 mm


112132 Starter 24 V, 4.0 kW

Replacing: AZJ3277, 11.130.766

Servicing: Volvo BM

B+ M10, **Total length** 339.00,
Gear type DD, **Mounting holes** 3 (0),
Oil sealed

A: 88.70 **B:** 47.00 mm


112135 Starter 12 V, 3.1 kW

Replacing: AZJ3317, AZJ3243, 11.130.895, 11.130.705

Servicing: Case

B+ M10, **Total length** 315.50,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 22.00 mm


112136 Starter 12 V, 2.8 kW

Replacing: AZJ3318, 11.130.896

Servicing: Massey Ferguson

B+ M8, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)

A: 88.75 **B:** 48.30 mm


112171 Starter 12 V, 1.1 kW

Replacing: AZE2617, 11.131.002

Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana

B+ M8, **Total length** 220.00,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 28.00 mm


112249 Starter 12 V, 2.7 kW

Replacing: AZJ3197, AZJ3155, 11.130.620, 11.130.531

Servicing: Mercedes-Benz, Various Agriculture Vehicles

B+ M10, **Total length** 295.00,
Gear type GR, **Mounting holes** 2 (0)

A: 82.50 **B:** 21.50 mm


112555 Starter 12 V, 3.1 kW

Replacing: AZJ3179, 11.130.567

Servicing: Bosch, Deutz-Fahr, Fendt, Irmer, Jenbacher Werke, KHD, Kramer, Linde

B+ M10, **Total length** 303.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.50 mm


112660 Starter 12 V, 2.8 kW

Replacing: AZJ3364, 11.131.038

Servicing: Case

B+ M10, **Total length** 333.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 48.00 mm


113007 Starter 24 V, 4.0 kW

Replacing: AZJ3214, AZF4573, 11.131.274, 11.130.797, 11.130.662

Servicing: John Deere

B+ M10, **Total length** 338.50,
Clutch type Wet, **Gear type** GR,
Mounting holes 2 (0)

A: 82.50 **B:** 33.00 mm


113182 Starter 12 V, 3.0 kW

Replacing: AZF4155, 11.131.604

Servicing: New Holland

B+ M10, **Total length** 320.00,
Gear type GR, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm


113356 Starter 24 V, 3.5 kW

Replacing: AZJ3223, 11.130.676

Servicing: Belarus, GAZ, ZIL

B+ M10, **Total length** 235.00,
Gear type GR, **Mounting holes** 3 (0)

A: 99.90 **B:** 32.00 mm


113381 Starter 12 V, 2.5 kW

Replacing: AZJ3462, AZJ3195, AZJ3145, 11.139.456, 11.130.618, 11.130.510

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

B+ M10, B- M8, **Total length** 315.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 109.70 B: 26.00 mm


113429 Starter 12 V, 4.2 kW

Replacing: AZF4611, AZF4577, 11.131.300, 11.131.117

Servicing: Case, Cummins

B+ M10, **Total length** 326.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 91.90 B: 47.50 mm


113467 Starter 12 V, 3.7 kW

Replacing: AZJ3196, 11.130.619

Servicing: Atlas Copco, Deutz-Fahr, Iveco

B+ M10, **Total length** 346.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.80 B: 28.00 mm


113478 Starter 12 V, 2.8 kW

Replacing: AZE4620, AZE4603, AZE4534, 11.131.221, 11.131.108, 11.131.063

Servicing: Atlas Copco, John Deere

B+ M10, **15a** M5, **Total length** 303.50, **Gear type** DD, **Mounting holes** 2 (0), Oil sealed

A: 82.00 B: 35.00 mm


113482 Starter 12 V, 3.0 kW

Replacing: AZJ3310, 11.130.881

Servicing: Volvo BM

B+ M10, **Total length** 338.50, **Clutch type** Wet, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.75 B: 47.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: AZJ3186, 11.130.595

Servicing: Sisu, Valtra

B+ M10, **Total length** 340.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 88.85 B: 47.50 mm


113532 Starter 12 V, 3.0 kW

Replacing: AZJ3284, AZF4582, AZF4559, AZF4510, 11.131.318, 11.131.167, 11.130.820, 11.130.748

Servicing: Renault Agriculture

B+ M10, **Total length** 341.00, **Gear type** DD, **Mounting holes** 2 (0)

A: 82.50 B: 34.00 mm


113570 Starter 12 V, 4.2 kW

Replacing: AZF4513, AZF4190, 11.131.727, 11.131.542, 11.130.836

Servicing: Valtra

B+ M10, **Total length** 321.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 88.85 B: 48.50 mm


113850 Starter 24 V, 5.4 kW

Replacing: AZK5467

Servicing: Volvo BM

B+ M10, B- M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Insulated return, Oil sealed

A: 89.00 B: 48.00 mm


113900 Starter 12 V, 2.5 kW

Replacing: AZE6544, 11.131.750

Servicing: John Deere

B+ M8, **Total length** 239.50, **Gear type** DD, **Mounting holes** 2 (0)

A: 82.50 B: 26.00 mm


113901 Starter 12 V, 3.0 kW

Replacing: AZE4597, AZE4540, AZE4166, 11.131.728, 11.131.426, 11.131.116

Servicing: Valtra

B+ M10, **Total length** 297.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 89.00 B: 48.00 mm


113968 Starter 12 V, 3.6 kW

Replacing: AZJ3212, 11.130.659

Servicing: New Holland

B+ M8, **Total length** 330.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 B: 20.00 mm



114002 Starter 12 V, 4.2 kW

Replacing: AZF4591, 11.131.352

Servicing: Case

B+ M10, Total length 316.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.00 mm



114050 Starter 12 V, 4.2 kW

Replacing: AZF4535, 11.130.999

Servicing: New Holland

B+ M10, 30h M10, Total length 317.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 27.50 mm

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114107 Starter 12 V, 3.2 kW

Replacing: AZE4579, AZE4214, 11.131.984, 11.131.315

Servicing: Landini, Massey Ferguson, McCormick, Perkins

Gear type GR, Mounting holes 3 (0)



114220 Starter 24 V, 4.0 kW

Replacing: AZF4230, 11.131.863

Servicing: Deutz-Fahr

B+ M10, Total length 315.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 25.00 mm



114254 Starter 12 V, 2.7 kW

Replacing: AZJ3405, AZJ3247, 11.131.249, 11.130.710

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ 9.70, Total length 237.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 49.40 mm



114264 Starter 12 V, 4.2 kW

Replacing: AZF4576, AZF4224, AZF4181, 11.131.848, 11.131.697, 11.131.292

Servicing: JCB

B+ M10, Total length 345.00,

Gear type GR, Mounting holes 3 (0)

A: 89.00 B: 24.00 mm



114320 Starter 12 V, 3.0 kW

Replacing: AZF4229

Servicing: JCB, KHD

B+ M10, Total length 316.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 23.00 mm



114388 Starter 12 V, 3.2 kW

Replacing: AZE4220, AZE4201, AZE4197, AZE4175, AZE4173, AZE4170, AZE4150, 11.132.036, 11.131.989, 11.131.947

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type DD,

Mounting holes 3 (0)

Iskra version.

A: 89.00 B: 32.50 mm



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114475 Starter 12 V, 4.0 kW

Replacing: AZF4310, AZF4231, AZF4178, 11.132.138, 11.131.864, 11.131.686

Servicing: Fendt

B+ M10, Total length 321.50,

Mounting holes 3 (0)

A: 89.00 B: 28.00 mm



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114677 Starter 12 V, 1.8 kW

Replacing: AZE2662, AZE2605, 11.131.527, 11.130.922

Mounting holes 2 (0)



111221 Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Total length 322.00,

Gear type GR, Mounting holes 2 (0)

Replacing: 28MT.

A: 82.40 B: 33.00 mm


110412 Starter 12 V, 2.2 kW

Replacing: LES0121

Servicing: Isuzu, John Deere, TCM

B+ M8, **Total length** 233.80,

Gear type DD, **Mounting holes** 2 (0)

A: 94.90 **B:** 20.30 mm

110421 Starter 12 V, 0.8 kW

Replacing: 26925240A

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, **Total length** 188.00,

Gear type DD, **Mounting holes** 2 (0)

A: 66.00 **B:** 16.00 mm

110438 Starter 12 V, 2.1 kW

Replacing: LES0012, 27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193

Servicing: Case, Payloader

B+ M8, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 19.50 mm

110439 Starter 12 V, 2.0 kW

Replacing: NSB509, LES0015, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, **Total length** 309.50,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 25.00 mm

110442 Starter 12 V, 2.1 kW

Replacing: NSB501, NSB500, LES0011, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 30.00 mm

110443 Starter 12 V, 2.1 kW

Replacing: NSB503, LES0004, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

110460 Starter 12 V, 2.8 kW

Replacing: LES0023, LES0010, 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, **Total length** 307.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

110461 Starter 12 V, 2.8 kW

Replacing: NSB521, LES0034, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm

110462 Starter 12 V, 2.8 kW

Replacing: NSB520, LES0017, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm

110464 Starter 12 V, 2.1 kW

Replacing: NSB515, LRS138, LES0007, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, **Total length** 336.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm



110518 Starter 24 V, 4.0 kW
Replacing: LES0036, 61924031
Servicing: Benfra, Fiat, Fiat-Allis, Iveco
B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 27.00 mm



110523 Starter 24 V, 4.8 kW
Replacing: LES0039, 61924051, 26025117A
Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader
B+ M10, **Gear type** DD,
Mounting holes 3 (0)
A: 89.00 **B:** 27.50 mm



110525 Starter 12 V, 3.0 kW
Replacing: 26417
Servicing: Claas, Mercedes-Benz
B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm



110536 Starter 12 V, 2.7 kW
Replacing: LES0038, 61924050
Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 28.00 mm



110545 Starter 12 V, 3.0 kW
Replacing: NSB523, LRS926, LES0006, 27587, 27512D, 27512A, 27512, 26432, 26342K, 26342D, 26342A, 26342, 26284E
Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm



110565 Starter 12 V, 2.8 kW
Replacing: NSB540, NSB531, NSB529, LES0044, LES0043, LES0019, LES0013, 27606, 27599, 27594, 27583A, 27583
Servicing: Eicher, Massey Ferguson
B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 29.50 mm



110615 Starter 12 V, 2.8 kW
Replacing: NSB524, NSB522, LES0040, LES0016, 27628, 27625, 27621, 27609, 27607, 27603, 27596, 27592, 27588
Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins
B+ M8, **Total length** 312.25,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 28.60 mm



110640 Starter 12 V, 3.0 kW
Replacing: LES0014, 27440B, 27440A, 27440, 26394
Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
B+ M10, **Total length** 310.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.00 mm



110813 Starter 12 V, 2.7 kW
Replacing: S0850, LRS01976, LES0230, LES0037, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290
Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco
B+ M10, **Total length** 294.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 25.00 mm



110814 Starter 12 V, 2.7 kW
Replacing: 27401
Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault
B+ M10, **Total length** 296.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.80 mm

**110817** Starter 12 V, 2.1 kW

Replacing: LES0003, 27427E, 27427A, 27427, 27424B, 27424A, 27424, 26310H, 26310F, 26310E, 26310D, 26310A

Servicing: DAF, Various Agriculture Vehicles

B+ M8, **Total length** 315.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 25.00 mm

**110818** Starter 12 V, 2.1 kW

Replacing: S4523, NSB513, NSB415, LES0008, 27463D, 27463A, 27463, 27423A, 27423, 27413D, 27413A, 27413, 26917

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 24.60 mm

**110819** Starter 12 V, 2.8 kW

Replacing: S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, **Total length** 311.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 22.25 mm

**110868** Starter 12 V, 1.1 kW

Replacing: 25735E, 25735A, 25735

Servicing: Ford, Lamborghini, Mercury, Saab, Triumph

B+ M8, **15a** M5, **Total length** 255.25,

Gear type DD, **Mounting holes** 2 (0)

A: 76.00 **B:** 4.50 mm

**111041** Starter 12 V, 2.8 kW

Replacing: 35259690

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, **Total length** 338.50,

Gear type GR, **Mounting holes** 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 **B:** 46.25 mm

**111103** Starter 12 V, 0.8 kW

Replacing: 25239, 25201, 25149, 25138, 25097, 25092D, 25088, 25087, 25085, 25079, 25065, 25063, 25062, 25061

Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall

B+ M8, **Total length** 321.50,

Gear type DD, **Mounting holes** 2 (0)

A: 88.80 **B:** 60.35 mm

**111254** Starter 24 V, 4.5 kW

Replacing: LRS01910

Servicing: John Deere

B+ M10, **Total length** 332.25,

Gear type GR, **Mounting holes** 2 (0)

A: 94.85 **B:** 19.20 mm

**111346** Starter 12 V, 2.8 kW

Replacing: LES0041, LES0024, 27629, 27627B, 27627, 27626, 27620, 27610, 27608, 27602, 27598, 27590, 27589

Servicing: Massey Ferguson

B+ M8, **Total length** 314.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

**111499** Starter 12 V, 2.8 kW

Replacing: LES0029, 27528, 26379F, 26379A, 26379

Servicing: Case

B+ M8, **Total length** 307.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm

**111573** Starter 12 V, 2.8 kW

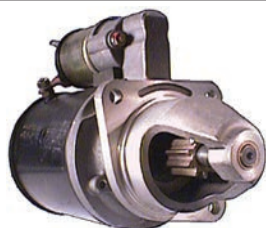
Replacing: LES0001, 27526D, 27526A, 27526, 27513A, 27513, 26376L, 26376K, 26376A, 26376, 26351, 26343K, 26343D

Servicing: Avia, JCB, TCM, Various Agriculture Vehicles

B+ M8, **Total length** 311.00,

Gear type DD/GR, **Mounting holes** 3 (0)

A: 101.00 **B:** 25.50 mm


111574 Starter 12 V, 2.8 kW

Replacing: LES0035, 27595, 27564F, 27564A, 27564, 26025110A

Servicing: ERF, LDV International, Various Agriculture Vehicles

B+ M8, **Total length** 340.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.75 **B:** 47.15 mm


111737 Starter 12 V, 2.8 kW

Replacing: 27502D, 27502A, 27502, 26369J, 26369H, 26369A, 26369, 26359F, 26359B, 26359A, 26359, 26294Q, 26294N

Servicing: Atlas Copco, Bedford, Fiat-Allis, Massey Ferguson, Perkins, Sampo-Rosenlew

B+ M8, **Total length** 314.75,
Clutch type Wet, **Gear type** DD,
Mounting holes 3 (0)

A: 89.00 **B:** 28.50 mm


112136 Starter 12 V, 2.8 kW

Replacing: LES0030, 27601, 27533E, 27533A, 27533, 26398H, 26398F, 26398A, 26398

Servicing: Massey Ferguson

B+ M8, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)

A: 88.75 **B:** 48.30 mm


112163 Starter 12 V, 2.0 kW

Replacing: 26925056

Servicing: Mahindra

B+ M8, **Total length** 307.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 20.00 mm


112172 Starter 12 V, 1.6 kW

Replacing: LES0186

Servicing: Arona, BMW, Ferrari, Lombardini, Mosa

B+ M8, **30h** M5, **Total length** 267.50,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 28.00 mm


112660 Starter 12 V, 2.8 kW

Replacing: 529965EX, 27604, 27586, 27575, 27556, 27508D, 27508B, 27508A, 27508, 26925262B, 26433, 26428A

Servicing: Case

B+ M10, **Total length** 333.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 48.00 mm


113381 Starter 12 V, 2.5 kW

Replacing: LES0031, 27430B, 27430A, 27430

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

B+ M10, **B-** M8, **Total length** 315.00,
Gear type DD, **Mounting holes** 3 (0)

A: 109.70 **B:** 26.00 mm


113478 Starter 12 V, 2.8 kW

Replacing: 26024033A

Servicing: Atlas Copco, John Deere

B+ M10, **15a** M5, **Total length** 303.50,
Gear type DD, **Mounting holes** 2 (0),
Oil sealed

A: 82.00 **B:** 35.00 mm


113484 Starter 24 V, 4.0 kW

Replacing: 27305

Servicing: Sisu, Valtra

B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.85 **B:** 47.50 mm


113670 Starter 12 V, 2.2 kW

Replacing: 26025115A, 26025115, 26024070A

Servicing: Mahindra

B+ M8, **15a** M5, **Total length** 284.35,
Clutch type Wet, **Gear type** DD,
Mounting holes 3 (0)

A: 89.00 **B:** 20.00 mm


110213 Starter 24 V, 6.6 kW

Replacing: 63226391, 63226301

Servicing: Fiat, Iveco

B+ M12, **B-** M10, **Total length** 407.00,

Gear type DD, **Mounting holes** 3 (0)

A: 115.00 **B:** 20.80 mm

110442 Starter 12 V, 2.1 kW

Replacing: 63227485, 63227479, 2707130

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, **Total length** 309.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.90 **B:** 30.00 mm

110461 Starter 12 V, 2.8 kW

Replacing: 63227501

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm

110462 Starter 12 V, 2.8 kW

Replacing: 63227569

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45,

Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm

110464 Starter 12 V, 2.1 kW

Replacing: 63227489

Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, **Total length** 336.50,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

110517 Starter 24 V, 3.2 kW

Replacing: MT72AB, MT72AA, MT72A,

63217226, 63217225, 63217201, 30281018

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, **Total length** 295.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm

110518 Starter 24 V, 4.0 kW

Replacing: MT67CB, MT67CA, MT67C, 63216741, 63216740, 63216703, 30281020, 063216741010

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm

110520 Starter 24 V, 4.0 kW

Replacing: MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017

Servicing: Cummins, Fiat-Allis

B+ M10, **Total length** 343.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.50 mm

110521 Starter 24 V, 4.0 kW

Replacing: MT67DB, MT67DA, MT67D, MT67AD, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 343.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm

110522 Starter 12 V, 3.0 kW

Replacing: MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.50 mm

110529 Starter 12 V, 3.0 kW

Replacing: MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3-Z9(3/12), M125-3/12, 63224600

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 340.50,

Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm


110530 Starter 12 V, 3.0 kW

Replacing: MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010, 063216876010

Servicing: Huerlimann, Lamborghini, Same

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 22.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: MT74G, MT68T, 943252071010

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.00 mm


110545 Starter 12 V, 3.0 kW

Replacing: 63227512

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


110615 Starter 12 V, 2.8 kW

Replacing: 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, **Total length** 312.25,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.60 mm


110813 Starter 12 V, 2.7 kW

Replacing: MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, **Total length** 294.00,
Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm


110814 Starter 12 V, 2.7 kW

Replacing: MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309

Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault

B+ M10, **Total length** 296.50,
Gear type DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 26.80 mm


110818 Starter 12 V, 2.1 kW

Replacing: 63227528, 63227413, 63226845

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 24.60 mm


110819 Starter 12 V, 2.8 kW

Replacing: 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522

Servicing: Eicher, Massey Ferguson, Perkins

B+ M8, **Total length** 311.00,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 22.25 mm


111001 Starter 12 V, 3.0 kW

Replacing: MT68RA, MT68R, 63216816

Servicing: Lamborghini, Same, Steyr

B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 20.60 mm


111015 Starter 12 V, 1.1 kW

Replacing: 63521070

Servicing: Lombardini, Various Agriculture Vehicles

B+ M8, **Total length** 216.25,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 15.00 mm


111217 Starter 12 V, 3.0 kW

Replacing: MT38RA, MT38R

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 383.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm

111284 Starter 12 V, 2.5 kW

Replacing: 63217163, 63217106,
63217163010

Servicing: Lamborghini, Sabb, Various
Agriculture Vehicles

B+ M10, **Total length** 296.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 21.00 mm

111346 Starter 12 V, 2.8 kW

Replacing: 63227599, 63227598, 63227590,
63227568, 63227565, 63227541

Servicing: Massey Ferguson

B+ M8, **Total length** 314.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

111755 Starter 12 V, 3.0 kW

Replacing: 63206834, 063206834010

Servicing: John Deere

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 34.00 mm

111911 Starter 12 V, 1.4 kW

Replacing: 63293537, 63280070, 63223537,
63111006

Servicing: Bertolini, BMW, Ford, Various
Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 231.50,
Gear type GR, **Mounting holes** 3 (2)

A: 76.00 **B:** 20.50 mm

112034 Starter 12 V, 1.7 kW

Replacing: 63221435, 63221405

Servicing: ACME, Arona, BCS, Ferrari,
Goldoni, Hatz, Lombardini, Mosa, Ruggerini,
VW

B+ M8, **Total length** 233.30,
Gear type GR, **Mounting holes** 2 (0)

A: 76.00 **B:** 27.00 mm

112039 Starter 12 V, 2.7 kW

Replacing: MT71GB, 63217158,
063217158010

Servicing: Fendt, Jenbacher Werke, KHD,
Lombardini

B+ M8, **Total length** 295.00,
Gear type DD, **Mounting holes** 2 (0)

A: 82.00 **B:** 24.00 mm

112136 Starter 12 V, 2.8 kW

Replacing: 63227601

Servicing: Massey Ferguson

B+ M8, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)

A: 88.75 **B:** 48.30 mm

112660 Starter 12 V, 2.8 kW

Replacing: 63227508

Servicing: Case

B+ M10, **Total length** 333.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 48.00 mm

113182 Starter 12 V, 3.0 kW

Replacing: MSN2039

Servicing: New Holland

B+ M10, **Total length** 320.00,
Gear type GR, **Mounting holes** 3 (0)

A: 110.00 **B:** 30.00 mm

113381 Starter 12 V, 2.5 kW

Replacing: MT71Z, 63217121

Servicing: Farymann, Fiat, Fiat-Allis, Goldoni

B+ M10, **B-** M8, **Total length** 315.00,
Gear type DD, **Mounting holes** 3 (0)

A: 109.70 **B:** 26.00 mm

113467 Starter 12 V, 3.7 kW

Replacing: 943252216010

Servicing: Atlas Copco, Deutz-Fahr, Iveco

B+ M10, **Total length** 346.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 28.00 mm



113655 Starter 12 V, 3.0 kW

Replacing: 63280041

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, Total length 291.00,

Gear type GR, Mounting holes 3 (0)

Cargo 113655 is a Marelli/Denso version, and cannot replace the Iskra version (cargoref® 114388)

A: 89.00 B: 30.50 mm


110206 Starter 24 V, 5.4 kW

Replacing: 9125330, 9125260, 9125220

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, **B-** M10, **Total length** 390.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 47.50 mm

110207 Starter 24 V, 5.4 kW

Replacing: 9125240

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

110208 Starter 24 V, 5.4 kW

Replacing: 9125250

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B+ M10, **B-** M10, **Total length** 387.00, **Gear type** DD, **Mounting holes** 3 (0), Oil sealed, Waterproof

A: 89.00 **B:** 48.50 mm

110210 Starter 24 V, 6.6 kW

Replacing: 9125010

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 48.50 mm

110213 Starter 24 V, 6.6 kW

Replacing: 9125020

Servicing: Fiat, Iveco

B+ M12, **B-** M10, **Total length** 407.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 115.00 **B:** 20.80 mm

110461 Starter 12 V, 2.8 kW

Replacing: 9142860, 9142724

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, **30h** M5, **Total length** 272.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 21.00 mm

110462 Starter 12 V, 2.8 kW

Replacing: 9144965, 9142765

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, **Total length** 319.45, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 20.00 mm

110464 Starter 12 V, 2.1 kW

Replacing: 91428729

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, **Total length** 336.50, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

110517 Starter 24 V, 3.2 kW

Replacing: 9124320

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, **Total length** 295.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 25.00 mm

110518 Starter 24 V, 4.0 kW

Replacing: 9124330

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 342.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm

110520 Starter 24 V, 4.0 kW

Replacing: 443115174622

Servicing: Cummins, Fiat-Allis

B+ M10, **Total length** 343.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.50 mm

110521 Starter 24 V, 4.0 kW

Replacing: 9142320

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 343.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 **B:** 27.00 mm


110522 Starter 12 V, 3.0 kW

Replacing: 9142723, 443115144723

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.50 mm

110523 Starter 24 V, 4.8 kW

Replacing: 9174602, 9124310, 443115174602

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, **Gear type** DD,
Mounting holes 3 (0)
A: 89.00 **B:** 27.50 mm

110525 Starter 12 V, 3.0 kW

Replacing: 9142746, 443115144726

Servicing: Claas, Mercedes-Benz

B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm

110529 Starter 12 V, 3.0 kW

Replacing: 9144744

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 30.00 mm

110530 Starter 12 V, 3.0 kW

Replacing: 9144821, 9144743, 9142880, 443115144743

Servicing: Huerlimann, Lamborghini, Same

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 22.00 mm

110534 Starter 24 V, 5.4 kW

Replacing: 9125370

Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles

B+ M10, **Total length** 390.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm

110536 Starter 12 V, 2.7 kW

Replacing: 9142803, 9142802

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 28.00 mm

110545 Starter 12 V, 3.0 kW

Replacing: 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm

110550[#] Starter 24 V, 4.0 kW

Replacing: 9174642, 443115174642

Servicing: Ikarus, Kaelble-Gmeinder, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Ssangyong, Steyr, Various Agriculture Vehicles

B+ M10, **Total length** 378.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm

110551 Starter 12 V, 3.0 kW

Replacing: 9144742, 443115144742, 443115144640, 443115144540

Servicing: Lamborghini, Same, Ursus, Zetor

B+ M10, **Total length** 326.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm



10

**110615** Starter 12 V, 2.8 kW

Replacing: 9142728

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, **Total length** 312.25, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 B: 28.60 mm



9

**110813** Starter 12 V, 2.7 kW

Replacing: 9144745

Servicing: Agrifull, Allis Chalmers, Benfra, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, **Total length** 294.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 110.00 B: 25.00 mm



11

**110818** Starter 12 V, 2.1 kW

Replacing: 9142764

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 B: 24.60 mm



9,11

**111001** Starter 12 V, 3.0 kW

Replacing: 9144820

Servicing: Lamborghini, Same, Steyr

B+ M10, **Total length** 340.00, **Gear type** DD, **Mounting holes** 2 (0)

A: 82.00 B: 20.60 mm



9

**111249** Starter 24 V, 5.4 kW

Replacing: 9125300

B+ M10, **Total length** 381.80, **Drive type** Bronze, **Gear type** DD, **Mounting holes** 3 (0), Waterproof

A: 89.00 B: 48.25 mm



9

**111332** Starter 12 V, 2.7 kW

Replacing: 9142801

Servicing: Fendt, Renault Agriculture

B+ M8, **Total length** 293.55, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 B: 21.00 mm



9

**111752** Starter 12 V, 2.7 kW

Replacing: 9142805

Servicing: Case, Payloader

B+ M10, **Total length** 342.00, **Gear type** DD, **Mounting holes** 3 (0)

A: 89.00 B: 47.00 mm



10

**111755** Starter 12 V, 3.0 kW

Replacing: 9142700

Servicing: John Deere

B+ M10, **Total length** 342.00, **Gear type** DD, **Mounting holes** 2 (0)

A: 82.00 B: 34.00 mm



11

**111855** Starter 12 V, 2.2 kW

Replacing: 9142900, 9142726, 443115142726

Servicing: KHD, Various Agriculture Vehicles

B+ M8, **Total length** 267.00, **Gear type** GR, **Mounting holes** 2 (0)

A: 82.50 B: 23.00 mm



10

**112074** Starter 12 V, 3.1 kW

Replacing: 9142766

Servicing: Ford, New Holland

B+ M8, **Gear type** DD, **Mounting holes** 3 (0)

A: 92.00 B: 21.00 mm



10,11

**112442** Starter 12 V, 3.0 kW

Replacing: 9142745

Servicing: John Deere

B+ M10, **Total length** 315.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 89.00 B: 48.00 mm



10

**112488** Starter 12 V, 2.7 kW

Replacing: 9142780, 443115142780

Servicing: Belarus

B+ M10, **Total length** 238.50, **Clutch type** Wet, **Gear type** GR, **Mounting holes** 3 (0)

A: 100.00 B: 32.00 mm



113269 Starter 12 V, 3.0 kW

Replacing: 9144702, 9142702, 446115144702, 444115144702, 443115144702, 443115142702

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, **Total length** 234.50, **Gear type** GR, **Mounting holes** 3 (0)

A: 88.80 **B:** 31.50 mm



113356 Starter 24 V, 3.5 kW

Replacing: 9172780, 9172702

Servicing: Belarus, GAZ, ZIL

B+ M10, **Total length** 235.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 99.90 **B:** 32.00 mm



114254 Starter 12 V, 2.7 kW

Replacing: 9142722, 443115144722

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ 9.70, **Total length** 237.00, **Gear type** GR, **Mounting holes** 3 (0)

A: 89.00 **B:** 49.40 mm



114388 Starter 12 V, 3.2 kW

Replacing: 9142903

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, **B-** M8, **30h** M10,

Total length 296.50, **Gear type** DD, **Mounting holes** 3 (0)

Iskra version.

A: 89.00 **B:** 32.50 mm



113671 Starter

12 V

Replacing: SM11

Servicing: Honda

B+ M6, Total length 164.00,

Gear type GR, Mounting holes 2 (0)


110182 Starter 12 V, 0.9 kW

Replacing: M3T10476D, M3T10476, M3T10475, M3T10473, M0T92581, M0T84381A, M0T84381

Servicing: Mitsubishi, Various Agriculture Vehicles, Yale

B+ M8, **Total length** 201.50,
Gear type DD, **Mounting holes** 2 (0)
A: 74.00 **B:** 18.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: M3T49982, M3T49981, M3T33481, M3T33181, M3T29681

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, **Total length** 188.00,
Gear type DD, **Mounting holes** 2 (0)
A: 66.00 **B:** 16.00 mm


110933 Starter 12 V, 1.4 kW

Replacing: MM409414, MM409410, M2T50391, M2T50381, M2T50371

Servicing: Iseki

B+ M8, **Total length** 220.50,
Gear type GR, **Mounting holes** 2 (0)
A: 76.90 **B:** 29.25 mm


110999 Starter 24 V

Replacing: M7T03777, M7T03774

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, **15a** M5, **Total length** 499.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.

A: 92.00 **B:** 46.50 mm


111000 Starter 24 V

Replacing: M4T95481

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, **Total length** 497.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.

A: 92.00 **B:** 47.25 mm


111275 Starter 12 V, 2.0 kW

Replacing: M5T23172, M3T64172, M2T61371, M2T60271, M2T56475, M2T56472, M2T56471, M2T54671

Servicing: Ford, Mitsubishi

B+ M8, **Total length** 250.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.40 **B:** 23.50 mm


111300 Starter 12 V, 1.4 kW

Replacing: M8T70071, M2T58981, M2T54091, M2T54085, M2T54083

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, **Total length** 214.55,
Gear type GR, **Mounting holes** 2 (0)
A: 74.00 **B:** 21.00 mm


111703 Starter 12 V, 2.0 kW

Replacing: M2T63371

Servicing: Ford, Perkins

B+ M8, **Total length** 250.00,
Gear type GR, **Mounting holes** 2 (0)
A: 73.80 **B:** 19.50 mm


112177 Starter 12 V, 1.7 kW

Replacing: M2T58971, M1T66081

Servicing: Ford, New Holland

B+ M8, **Total length** 213.00,
Gear type GR, **Mounting holes** 2 (0)
A: 74.00 **B:** 20.00 mm


114280 Starter 24 V, 3.2 kW

Replacing: ME108364, ME108080, M8T80472A, M8T80472, M8T80471A, M8T80471

Servicing: Caterpillar

B+ M8, **Total length** 241.00,
Gear type GR, **Mounting holes** 2 (0)
A: 77.00 **B:** 10.40 mm



NEW PRODUCT
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114475 Starter 12 V, 4.0 kW

Replacing: M9T50471, M009T50471

Servicing: Fendt

B+ M10, Total length 321.50,

Mounting holes 3 (0)

A: 89.00 B: 28.00 mm



114485 Starter 12 V, 1.0 kW

Replacing: MOT90881

Servicing: Kubota

B+ M8x1.25, Total length 205.00,

Gear type GR, Mounting holes 2 (0)

A: 66.00 B: 18.00 mm

NEW PRODUCT
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114686 Starter 12 V, 1.3 kW

Replacing: MOT88081


110412 Starter 12 V, 2.2 kW

Replacing: 0-21000-5231, 0-21000-5230, 0-21000-4231, 0-21000-4230, 0-21000-3730

Servicing: Isuzu, John Deere, TCM

B+ M8, **Total length** 233.80, **Gear type** DD, **Mounting holes** 2 (0)

A: 94.90 **B:** 20.30 mm


110604 Starter 12 V, 2.8 kW

Replacing: 0-23000-1890, 0-23000-1880

Servicing: Allis Chalmers, Carrier Transicold, Perkins

B+ M10, **Total length** 340.00, **Gear type** GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 22MT, 27MT, 28MT.

A: 88.75 **B:** 46.45 mm


111041 Starter 12 V, 2.8 kW

Replacing: 0-23000-1870, 0-23000-1830

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, **Total length** 338.50, **Gear type** GR, **Mounting holes** 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 **B:** 46.25 mm


111221 Starter 12 V, 2.5 kW

Replacing: 0-23000-2060

Servicing: Bobcat, Clark, John Deere

B+ M10, **15a** M5, **Total length** 322.00, **Gear type** GR, **Mounting holes** 2 (0)

Replacing: 28MT.

A: 82.40 **B:** 33.00 mm


111254 Starter 24 V, 4.5 kW

Replacing: 0-23000-2541, 0-23000-2540, 0-23000-2201, 0-23000-2103, 0-23000-2102, 0-23000-2101, 0-23000-2100

Servicing: John Deere

B+ M10, **Total length** 332.25, **Gear type** GR, **Mounting holes** 2 (0)

A: 94.85 **B:** 19.20 mm


111760 Starter 24 V, 4.5 kW

Replacing: 0-23000-2470, 0-23000-2270, 0-23000-2040, 0-23000-2031, 0-23000-2030

Servicing: Case, Cummins

B+ M10, **15a** M5, **Total length** 339.00, **Clutch type** Wet, **Gear type** GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 7MT, 28MT.

A: 89.00 **B:** 45.00 mm


112268 Starter 12 V, 2.8 kW

Replacing: 0-23000-2140, 0-23000-2010, 0-23000-1850

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, **Total length** 340.00, **Gear type** GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 **B:** 46.00 mm


112668 Starter 12 V, 2.5 kW

Replacing: 0-23000-2070

Servicing: Hough, Komatsu

B+ M10, **15a** M5, **Total length** 338.00, **Clutch type** Wet, **Gear type** GR, **Mounting holes** 3 (0)

Replacing: 28MT.

A: 89.00 **B:** 46.00 mm


113452 Starter 12 V, 2.5 kW

Replacing: 0-23000-2260

Servicing: Agco White

B+ M10, **15a** M5, **Total length** 338.50, **Clutch type** Wet, **Gear type** GR, **Mounting holes** 3 (0), Oil sealed

Replacing: 28MT.

A: 88.80 **B:** 45.00 mm


114324 Starter 24 V, 4.5 kW

Replacing: 0-24000-3251, 0-24000-3250, 0-24000-3123, 0-24000-3122, 0-24000-3120

Servicing: Hitachi, Isuzu

Gear type GR, **Mounting holes** 2 (0)

A: 95.00 mm


114483 Starter 24 V, 4.5 kW

Replacing: 0-24000-3261, 0-24000-3260

Servicing: JCB

B+ M10, **Total length** 230.10, **Gear type** GR, **Mounting holes** 3 (0)

A: 10.50 **B:** 41.00 mm



110525 Starter 12 V, 3.0 kW

Replacing: 35259380

Servicing: Claas, Mercedes-Benz

B+ M10, Total length 341.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm



111683 Starter 12 V, 2.0 kW

Replacing: 03101-3031, 03101-3030

Servicing: Chevrolet, GMC, Iseki, Isuzu, Opel, TCM

B+ M8, **Total length** 232.50,

Gear type GR, **Mounting holes** 2 (0)

A: 95.00 **B:** 19.50 mm

**110245** Starter 12 V, 1.0 kW

Replacing: PBNS3040, 20513040

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Total length 196.00,
Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 26.00 mm

**110439** Starter 12 V, 2.0 kW

Replacing: 66925050, 20500190

Servicing: Buhrer, Compair, Eicher, Massey Ferguson

B+ M8, Total length 309.50,
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 25.00 mm

**110442** Starter 12 V, 2.1 kW

Replacing: 66925051

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Total length 309.00,
Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 30.00 mm

**110443** Starter 12 V, 2.1 kW

Replacing: 20500124

Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover

B+ M8, Total length 309.00,
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm

**110449** Starter 12 V, 3.6 kW

Replacing: PBNS1644

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Total length 370.00,
Gear type DD, Mounting holes 3 (0)

A: 88.90 B: 48.75 mm

**110461** Starter 12 V, 2.8 kW

Replacing: PBNS1176, 20500673

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Total length 272.00,
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 21.00 mm

**110462** Starter 12 V, 2.8 kW

Replacing: 66925170, 20500552, 20500212

Servicing: Buhrer, Ford, Matbro, New Holland

B+ M8, Total length 319.45,
Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 20.00 mm

**110464** Starter 12 V, 2.1 kW

Replacing: 20500155

Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Total length 336.50,
Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 29.50 mm

**110517** Starter 24 V, 3.2 kW

Replacing: 20500839

Servicing: Benfra, Fiat-Allis, Iveco

B+ M10, Total length 295.00,
Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 25.00 mm

**110518** Starter 24 V, 4.0 kW

Replacing: 858320

Servicing: Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 342.00,
Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 27.00 mm

**110523** Starter 24 V, 4.8 kW

Replacing: 20500923

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Gear type DD,
Mounting holes 3 (0)

A: 89.00 B: 27.50 mm

**110529** Starter 12 V, 3.0 kW

Replacing: 20500847

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50,
Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 30.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: 20500762

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.00 mm

110545 Starter 12 V, 3.0 kW

Replacing: 20500147

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

B+ M10, **Total length** 335.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm

110552 Starter 12 V, 1.2 kW

Replacing: PBNS3015, 20513015

Servicing: Ford, JCB, John Deere, Volvo Penta

B+ M8, **Total length** 194.00,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 **B:** 20.00 mm

110565 Starter 12 V, 2.8 kW

Replacing: 66925090

Servicing: Eicher, Massey Ferguson

B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 29.50 mm

110604 Starter 12 V, 2.8 kW

Replacing: 35259680, 35259650, 35258990, 35258880

Servicing: Allis Chalmers, Carrier Transcold, Perkins

B+ M10, **Total length** 340.00,
Gear type GR, **Mounting holes** 3 (0),
Oil sealed

Replacing: 22MT, 27MT, 28MT.

A: 88.75 **B:** 46.45 mm

110615 Starter 12 V, 2.8 kW

Replacing: 66925089, 20500968, 20500195

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, **Total length** 312.25,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 28.60 mm

110627 Starter 12 V, 2.5 kW

Replacing: PBNS3102, PBNS3101, OMS124, 35259620

Servicing: Case, Ford

B+ M8, **Total length** 291.00,
Gear type GR, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.60 mm

110817 Starter 12 V, 2.1 kW

Replacing: 20500120

Servicing: DAF, Various Agriculture Vehicles

B+ M8, **Total length** 315.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 25.00 mm

110818 Starter 12 V, 2.1 kW

Replacing: 20500157

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)

A: 92.00 **B:** 24.60 mm

110999 Starter 24 V

Replacing: MFY6601K, MFY6601I, MFY6401L, MFY6401K, MFY6201K, MFY6201I

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, **15a** M5, **Total length** 499.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.50 mm

**111000** Starter 24 V

Replacing: 855694

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ M12, **Total length** 497.50,
Gear type DD, **Mounting holes** 3 (0),
 Insulated return, Oil sealed
 Replacing: 42MT.

A: 92.00 B: 47.25 mm

**111021** Starter 12 V, 1.4 kW

Replacing: PBNS3059, 20513059

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 209.50,
Gear type GR, **Mounting holes** 2 (0)

A: 66.00 B: 18.00 mm

**111024** Starter 12 V, 3.6 kW

Replacing: PBNS1608

Servicing: Clark, Lister, Massey Ferguson, Perkins

B+ M8, **Total length** 370.50,
Gear type DD, **Mounting holes** 3 (0),
 Oil sealed

A: 89.00 B: 47.45 mm

**111041** Starter 12 V, 2.8 kW

Replacing: OMS125, 35259710, 35259690, 35259130

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, **Total length** 338.50,
Gear type GR, **Mounting holes** 3 (0)
 Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm

**111221** Starter 12 V, 2.5 kW

Replacing: 35258810

Servicing: Bobcat, Clark, John Deere

B+ M10, **15a** M5, **Total length** 322.00,
Gear type GR, **Mounting holes** 2 (0)
 Replacing: 28MT.

A: 82.40 B: 33.00 mm

**111300** Starter 12 V, 1.4 kW

Replacing: PBNS3016, 20513016

Servicing: Bobcat, Ford, Volvo Penta

B+ M8, **Total length** 214.55,
Gear type GR, **Mounting holes** 2 (0)

A: 74.00 B: 21.00 mm

**111346** Starter 12 V, 2.8 kW

Replacing: 20500969

Servicing: Massey Ferguson

B+ M8, **Total length** 314.50,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 B: 29.50 mm

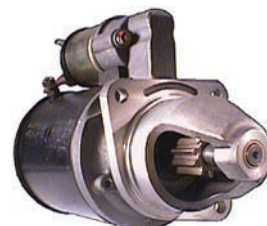
**111573** Starter 12 V, 2.8 kW

Replacing: 20500106

Servicing: Avia, JCB, TCM, Various Agriculture Vehicles

B+ M8, **Total length** 311.00,
Gear type DD/GR, **Mounting holes** 3 (0)

A: 101.00 B: 25.50 mm

**111574** Starter 12 V, 2.8 kW

Replacing: 20500706

Servicing: ERF, LDV International, Various Agriculture Vehicles

B+ M8, **Total length** 340.00,
Gear type DD, **Mounting holes** 3 (0)

A: 88.75 B: 47.15 mm

**111703** Starter 12 V, 2.0 kW

Replacing: PBNS3022, 20513022

Servicing: Ford, Perkins

B+ M8, **Total length** 250.00,
Gear type GR, **Mounting holes** 2 (0)

A: 73.80 B: 19.50 mm

**111752** Starter 12 V, 2.7 kW

Replacing: PBNS3058, 20513058

Servicing: Case, Payloader

B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)

A: 89.00 B: 47.00 mm



111855 Starter 12 V, 2.2 kW

Replacing: 20513069

Servicing: KHD, Various Agriculture Vehicles

B+ M8, Total length 267.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 23.00 mm



111885 Starter 12 V, 3.1 kW

Replacing: PBNS3045, 20513045

Servicing: Case

B+ M10, Total length 332.50,

Gear type DD, Mounting holes 3 (0)

Oil and waterproof.

A: 89.00 B: 48.00 mm



112041 Starter 12 V, 2.2 kW

Replacing: PBNS3051, 20513051

Servicing: KHD, Various Agriculture Vehicles

B+ M10, Total length 293.00,

Gear type DD, Mounting holes 3 (0)

A: 82.50 B: 21.00 mm



112249 Starter 12 V, 2.7 kW

Replacing: MEO6005

Servicing: Mercedes-Benz, Various Agriculture Vehicles

B+ M10, Total length 295.00,

Gear type GR, Mounting holes 2 (0)

A: 82.50 B: 21.50 mm



114388 Starter 12 V, 3.2 kW

Replacing: 860715

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, 30h M10,

Total length 296.50, Gear type DD,

Mounting holes 3 (0)

Iskra version.

A: 89.00 B: 32.50 mm

**110206** Starter 24 V, 5.4 kW

Replacing: 19024109, 19024025, 19024010

Servicing: Claas, Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Neoplan, Setra

B+ M12, B- M10, Total length 390.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 47.50 mm

**110207** Starter 24 V, 5.4 kW

Replacing: 19024553, 19024013

Servicing: Volvo, Volvo BM

B+ M10, B- M10, Total length 387.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 47.00 mm

**110208** Starter 24 V, 5.4 kW

Replacing: 19024576, 19024555, 19024099, 19024016, 19024015

Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo

B+ M10, B- M10, Total length 387.00,

Gear type DD, Mounting holes 3 (0),

Oil sealed, Waterproof

A: 89.00 B: 48.50 mm

**110210** Starter 24 V, 6.6 kW

Replacing: 19024051

Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mounting holes 3 (0)

A: 92.00 B: 48.50 mm

**110213** Starter 24 V, 6.6 kW

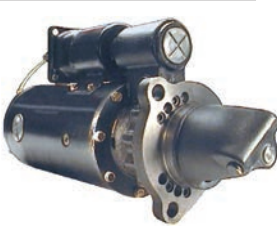
Replacing: 19024053

Servicing: Fiat, Iveco

B+ M12, B- M10, Total length 407.00,

Gear type DD, Mounting holes 3 (0)

A: 115.00 B: 20.80 mm

**110347** Starter 24 V, 7.5 kW

Replacing: 1993840, 1990284, 1990276,

1990274, 1990273, 1990272, 1990271,

1990270, 1990269, 1990268, 1990266

Servicing: Caterpillar, Clark, Fiat-Allis, Iveco

B+ M12, 15a M4, Total length 522.00,

Gear type DD, Mounting holes 3 (0),

Insulated return, Oil sealed

Replacing: 50MT.

A: 92.00 B: 47.00 mm

**110436** Starter 12 V

Replacing: 323-855, 323-830, 323-829,

1993983, 1993961, 1993943, 1993942,

1993939, 1993938, 1993937, 1993935

Servicing: Caterpillar, Clark, Mack, Various

B+ 1/2" UNC, Total length 506.00,

Gear type DD, Mounting holes 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.00 mm

**110468** Starter 12 V

Replacing: 1998267, 1998266, 1109091, 1109090, 1108197, 1107378, 1107377

Servicing: Bobcat, Clark, Hyster, Various Agriculture Vehicles

B+ 3/8" UNC, 15a 8-32 UNC,

Total length 307.00, Clutch type Wet,

Gear type DD, Mounting holes 3 (0),

Oil sealed

Replacing: 10MT.

A: 88.65 B: 20.50 mm

**110469** Starter 12 V

Replacing: 1998281, 1998270, 1998269,

1109093, 1108421, 1107203, 10455355,

10455340, 10455304

Servicing: Bobcat, Various Agriculture Vehicles

B+ M10, 15a M5, Total length 306.70,

Gear type DD, Mounting holes 3 (0),

Oil sealed

Replacing: 10MT.

A: 88.60 B: 43.35 mm

**110491** Starter 12 V, 1.4 kW

Replacing: 1998274, 1109098, 1108505, 1107209

Servicing: Allis Chalmers, Hyster

B+ M10, Total length 305.00,

Gear type DD, Mounting holes 3 (0),

Oil sealed

Replacing: 10MT.

A: 88.00 B: 45.00 mm



110517 Starter 24 V, 3.2 kW
Replacing: 19024242
Servicing: Benfra, Fiat, Fiat-Allis, Iveco
B+ M10, **Total length** 295.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 25.00 mm



110518 Starter 24 V, 4.0 kW
Replacing: 19024256, 19024232
Servicing: Benfra, Fiat, Fiat-Allis, Iveco
B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 27.00 mm



110520 Starter 24 V, 4.0 kW
Replacing: 19024201
Servicing: Cummins, Fiat-Allis
B+ M10, **Total length** 343.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.50 mm



110521 Starter 24 V, 4.0 kW
Replacing: 19024273, 19024231
Servicing: Benfra, Fiat, Fiat-Allis, Iveco
B+ M10, **Total length** 343.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 27.00 mm



110522 Starter 12 V, 3.0 kW
Replacing: 19024253, 19024202
Servicing: Fiat, Fiat-Allis, Iveco, New Holland
B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.50 mm



110523 Starter 24 V, 4.8 kW
Replacing: 19024813, 19024234, 19024226
Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader
B+ M10, **Gear type** DD,
Mounting holes 3 (0)
A: 89.00 **B:** 27.50 mm



110525 Starter 12 V, 3.0 kW
Replacing: 19024223, 19024205
Servicing: Claas, Mercedes-Benz
B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 48.00 mm



110529 Starter 12 V, 3.0 kW
Replacing: 19024272, 19024230
Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco
B+ M10, **Total length** 340.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 30.00 mm



110530 Starter 12 V, 3.0 kW
Replacing: 19024238
Servicing: Huerlimann, Lamborghini, Same
B+ M10, **Total length** 342.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 22.00 mm



110531 Starter 24 V, 6.6 kW
Replacing: 19024071
Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz
B+ M12, **B-** M10, **Total length** 405.00,
Gear type DD, **Mounting holes** 0 (0)
A: 56.00 **B:** 43.00 mm



110534 Starter 24 V, 5.4 kW
Replacing: 19024030
Servicing: Fiat, Ford, Iveco, Various Agriculture Vehicles
B+ M10, **Total length** 390.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm



110536 Starter 12 V, 2.7 kW
Replacing: 19024824, 19024252, 19024235, 19024224
Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
B+ M10, **Total length** 287.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 28.00 mm



110537 Starter 12 V, 3.6 kW
Replacing: 19024562, 19024561, 19024000
Servicing: Volvo BM
B+ M10, **B-** M10, **Total length** 384.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm



110539 Starter 12 V, 3.6 kW
Replacing: 19024008
Servicing: Claas, Mercedes-Benz, New Holland
B+ M10, **B-** M10, **Total length** 384.50,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 47.00 mm



110551 Starter 12 V, 3.0 kW
Replacing: 19024815
Servicing: Lamborghini, Same, Ursus, Zetor
B+ M10, **Total length** 326.50,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 47.00 mm



110565 Starter 12 V, 2.8 kW
Replacing: 19024817
Servicing: Eicher, Massey Ferguson
B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 29.50 mm



110604 Starter 12 V, 2.8 kW
Replacing: 1998409, 1998394, 1998378, 1998338, 1998334, 1113280, 1113279, 1109272, 1107587, 1107567, 10465048
Servicing: Allis Chalmers, Carrier Transicold, Perkins
B+ M10, **Total length** 340.00,
Gear type GR, **Mounting holes** 3 (0),
Oil sealed
Replacing: 22MT, 27MT, 28MT.
A: 88.75 **B:** 46.45 mm



110814 Starter 12 V, 2.7 kW
Replacing: 19024255
Servicing: Alfa Romeo, Benfra, Fiat, Iveco, Lancia, Massey Ferguson, Renault
B+ M10, **Total length** 296.50,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.80 mm



110819 Starter 12 V, 2.8 kW
Replacing: 19024821
Servicing: Eicher, Massey Ferguson, Perkins
B+ M8, **Total length** 311.00,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 22.25 mm



110999 Starter 24 V
Replacing: 1993945, 1993833, 1993815, 1993814, 1993808, 1993804, 1993797, 1993796, 1993704, 1990809, 1990497
Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo
B+ M12, **15a** M5, **Total length** 499.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.
A: 92.00 **B:** 46.50 mm



111000 Starter 24 V
Replacing: 199903, 1993924, 1993842, 1993810, 1993805, 1993802, 1993700, 1990838, 1990493, 1990491, 1990485
Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
B+ M12, **Total length** 497.50,
Gear type DD, **Mounting holes** 3 (0),
Insulated return, Oil sealed
Replacing: 42MT.
A: 92.00 **B:** 47.25 mm



111001 Starter 12 V, 3.0 kW
Replacing: 19024250
Servicing: Lamborghini, Same, Steyr
B+ M10, **Total length** 340.00,
Gear type DD, **Mounting holes** 2 (0)
A: 82.00 **B:** 20.60 mm


111041 Starter 12 V, 2.8 kW

Replacing: 1998481, 1998387, 1998383, 1998336, 1113278, 1113275, 1109550, 1107580, 10465406, 10465046

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, **Total length** 338.50,

Gear type GR, **Mounting holes** 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 **B:** 46.25 mm


111049 Starter 12 V

Replacing: 1998576

Servicing: Hyster, Various, Various Agriculture Vehicles

B+ M8, **15a** M5, **Total length** 304.00,

Clutch type Wet, **Gear type** DD,

Mounting holes 3 (0), Oil sealed

Replacing: 10MT.

A: 88.90 **B:** 46.25 mm


111217 Starter 12 V, 3.0 kW

Replacing: 19024566, 19024565

Servicing: Volvo, Volvo BM

B+ M10, **B-** M10, **Total length** 383.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 48.00 mm


111221 Starter 12 V, 2.5 kW

Replacing: 1113271, 1109251, 1107871, 1107863, 1107599, 1107577

Servicing: Bobcat, Clark, John Deere

B+ M10, **15a** M5, **Total length** 322.00,

Gear type GR, **Mounting holes** 2 (0)

Replacing: 28MT.

A: 82.40 **B:** 33.00 mm


111224 Starter 12 V, 4.0 kW

Replacing: 1993988, 1993894, 1993886, 1993881, 1993799, 1993790, 1993769, 1993762, 1993754, 1993712, 1993705

Servicing: John Deere

B+ M10, **Total length** 402.50,

Gear type GR, **Mounting holes** 3 (0),

Oil sealed

Replacing: 37MT.

A: 88.90 **B:** 47.60 mm


111249 Starter 24 V, 5.4 kW

Replacing: 19024554, 19024027

B+ M10, **Total length** 381.80,

Drive type Bronze, **Gear type** DD,

Mounting holes 3 (0), Waterproof

A: 89.00 **B:** 48.25 mm


111259 Starter 12 V, 1.3 kW

Replacing: 1998305, 1109568, 1109430, 1108511

Servicing: Case

B+ M10, **15a** M5, **Total length** 305.00,

Gear type DD, **Mounting holes** 3 (0)

Replacing: 10MT.

A: 88.70 **B:** 19.00 mm


111260 Starter 12 V, 1.4/1.6 kW

Replacing: 1998313, 1109446, 1107681, 1107655

Servicing: Case

B+ M10, **15a** M4, **Total length** 277.50,

Gear type DD, **Mounting holes** 2 (0)

Replacing: 10MT.

A: 82.35 **B:** 17.75 mm


111752 Starter 12 V, 2.7 kW

Replacing: 19024257

Servicing: Case, Payloader

B+ M10, **Total length** 342.00,

Gear type DD, **Mounting holes** 3 (0)

A: 89.00 **B:** 47.00 mm

**111760** Starter 24 V, 4.5 kW

Replacing: 1998488, 1113594, 1113294, 1113291, 1113277, 10479623, 10479622, 10479616, 10461486, 10461469

Servicing: Case, Cummins

B+ M10, **15a** M5, **Total length** 339.00,

Clutch type Wet, **Gear type** GR,

Mounting holes 3 (0), Oil sealed

Replacing: 7MT, 28MT.

A: 89.00 **B:** 45.00 mm

**112089** Starter 12 V

Replacing: 323-871, 1993977, 1993856, 1993816, 1993813, 1993807, 1993803, 1990495, 1990490, 1990483, 1990478

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ M12, **B-** M12, **15a** M5,

Total length 500.00, **Clutch type** Wet,

Gear type DD, **Mounting holes** 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.00 mm

**112169** Starter 24 V, 4.5 kW

Replacing: 1993954, 1993903, 10479108

Servicing: Case

B+ 3/8" UNF, **Total length** 401.00,

Gear type DD, **Mounting holes** 3 (0),

Oil sealed

Replacing: 37MT.

A: 89.00 **B:** 46.00 mm

**112243** Starter 24 V

Replacing: 1993910, 1993909, 1993902, 1993901, 1993732, 1993729, 1993707, 1990332, 1990330, 1113541, 1113536

Servicing: Case, Clark

B+ 1/2" UNC, **15a** 1/4" UNC,

Total length 401.50, **Gear type** DD,

Mounting holes 3 (0), Oil sealed

Replacing: 37MT.

A: 92.00 **B:** 48.00 mm

**112256** Starter 24 V, 7.0 kW

Replacing: 1993986, 1993741, 1993701, 1990499

Servicing: Case, Lister

B+ 1/2" UNC, **15a** M5, **30h** 1/4" UNC,

Total length 402.00, **Clutch type** Wet,

Gear type DD, **Mounting holes** 3 (0),

Oil sealed

Replacing: 37MT.

A: 89.00 **B:** 47.45 mm

**112268** Starter 12 V, 2.8 kW

Replacing: 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, **Total length** 340.00,

Gear type GR, **Mounting holes** 3 (0),

Oil sealed

Replacing: 28MT.

A: 89.00 **B:** 46.00 mm

**112546** Starter 12 V, 0.6 kW

Replacing: 10455516, 10455513

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, **Total length** 205.60,

Clutch type Wet, **Gear type** DD,

Mounting holes 2 (0)

A: 63.00 **B:** 8.00 mm

**112660** Starter 12 V, 2.8 kW

Replacing: 1107867, 1107862

Servicing: Case

B+ M10, **Total length** 333.00,

Gear type DD, **Mounting holes** 3 (0)

A: 88.80 **B:** 48.00 mm

**112668** Starter 12 V, 2.5 kW

Replacing: 1113284, 1113248, 10461483

Servicing: Hough, Komatsu

B+ M10, **15a** M5, **Total length** 338.00,

Clutch type Wet, **Gear type** GR,

Mounting holes 3 (0)

Replacing: 28MT.

A: 89.00 **B:** 46.00 mm

**113007** Starter 24 V, 4.0 kW

Replacing: 1998519, 1113272, 10461444

Servicing: John Deere

B+ M10, **Total length** 338.50,

Clutch type Wet, **Gear type** GR,

Mounting holes 2 (0)

A: 82.50 **B:** 33.00 mm


113125 Starter 12 V

Replacing: 323-840, 1993854, 1993767, 1990347, 10461011, 10461006

Servicing: Ford, New Holland

B+ 1/2" UNC, **Total length** 401.50,

Clutch type Wet, **Gear type** DD,

Mounting holes 3 (0), Oil sealed

Replacing: 37MT, 41MT.

A: 92.00 **B:** 48.25 mm


113429 Starter 12 V, 4.2 kW

Replacing: 10465537, 10461645

Servicing: Case, Cummins

B+ M10, **Total length** 326.00,

Gear type GR, **Mounting holes** 3 (0)

A: 91.90 **B:** 47.50 mm


113452 Starter 12 V, 2.5 kW

Replacing: 10479617, 10461466

Servicing: Agco White

B+ M10, **15a** M5, **Total length** 338.50,

Clutch type Wet, **Gear type** GR,

Mounting holes 3 (0), Oil sealed

Replacing: 28MT.

A: 88.80 **B:** 45.00 mm


113695 Starter 24 V, 6.0 kW

Replacing: 1993918, 1993831, 10478960, 10478811, 10461405, 10461402

Servicing: Caterpillar

B+ M12, **Total length** 433.50,

Gear type DD, **Mounting holes** 3 (0),

Oil sealed

Replacing: 37MT.

A: 89.00 **B:** 47.00 mm


113725 Starter 12 V, 2.5 kW

Replacing: 10465540

Servicing: Case

B+ M10, **Total length** 300.00,

Gear type DD, **Mounting holes** 2 (0)

A: 88.60 **B:** 49.00 mm


113728 Starter 6 V

Replacing: 1831810

Servicing: Ford

Only for US market.


113850 Starter 24 V, 5.4 kW

Replacing: 19024101

Servicing: Volvo BM

B+ M10, **B-** M10, **Total length** 387.00,

Gear type DD, **Mounting holes** 3 (0),

Insulated return, Oil sealed

A: 89.00 **B:** 48.00 mm



110529 Starter 12 V, 3.0 kW

Replacing: DM2138

Servicing: Agrifull, Benfra, Fiat, Fiat-Allis, Iveco

B+ M10, Total length 340.50,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 30.00 mm



110640 Starter 12 V, 3.0 kW

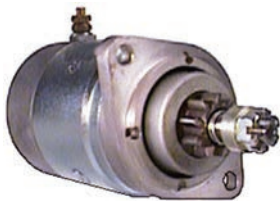
Replacing: DM2134, DM2130, DM2120, 2130

Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long

B+ M10, Total length 310.00,

Gear type DD, Mounting holes 3 (0)

A: 110.00 B: 26.00 mm



111645 Starter 12 V, 0.4 kW

Replacing: MO101/10, 3M0110/10

Servicing: Alfa Romeo, Fiat, Lancia, Lombardini, Same

B+ M6, Total length 182.00,

Gear type DD, Mounting holes 2 (0)

A: 62.00 B: 27.50 mm



111646 Starter 12 V, 0.2 kW

Replacing: PN001/3, 3PN0001/3

Servicing: Lombardini, Various Agriculture Vehicles

B+ M6, Total length 181.00,

Gear type DD, Mounting holes 2 (0)

B: 13.50 mm



112339 Starter 12 V, 0.3 kW

Replacing: PN0001, 3PN0001

B+ M6, Total length 180.00,

Gear type DD, Mounting holes 2 (0)

B: 18.00 mm



112313 Starter 12 V, 0.5 kW

Replacing: 33835

Servicing: Massey Ferguson, Tecumseh

B+ M6, Total length 190.00,

Gear type DD, Mounting holes 3 (0)

B: 29.00 mm



112564 Starter 12 V

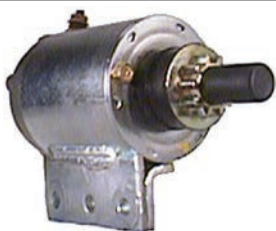
Replacing: 35765A, 35765, 32468B, 32468A, 32468

Servicing: John Deere, Tecumseh

B+ M6, Total length 166.50,

Gear type DD, Mounting holes 4 (0)

A: 59.00 B: 33.00 mm


110510 Starter 12 V, 0.5 kW

Replacing: SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353

Servicing: John Deere

B+ M6, **Total length** 182.55,

Gear type DD, **Mounting holes** 3 (0)

B: 39.00 mm


110949 Starter 12 V, 0.6 kW

Replacing: SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM

Servicing: Bobcat, Kohler, Various Agriculture Vehicles

B+ M6, **Total length** 215.25,

Drive type Bronze, **Gear type** DD, **Mounting holes** 0 (0)

A: 63.40 **B:** 45.80 mm


110999 Starter 24 V

Replacing: 9G4338

Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo

B+ M12, 15a M5, **Total length** 499.50,

Gear type DD, **Mounting holes** 3 (0),

Insulated return, Oil sealed

Replacing: 42MT.

A: 92.00 **B:** 46.50 mm


111012 Starter 12 V, 0.5 kW

Replacing: SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM

Servicing: Kohler, Massey Ferguson

B+ M8, **Total length** 201.00,

Gear type DD, **Mounting holes** 0 (0)

B: 39.00 mm


111701 Starter 12 V, 0.8 kW

Replacing: SMH12C1, SM56659, SM15745, 5666740MO30SM, 5666740, 5665940MO30SM, 5665940-MO30SM, 5665940

Servicing: Various Agriculture Vehicles

B+ M8, **Total length** 251.25,

Gear type DD, **Mounting holes** 4 (3)

A: 69.60 **B:** 56.30 mm


112150 Starter 12 V

Replacing: SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-MO30SM, 5278440MO30SM

Servicing: Cub Cadet, Kohler

B+ 1/4" UNC, **Total length** 202.00,

Gear type DD, **Mounting holes** 2 (0)

B: 17.00 mm


112546 Starter 12 V, 0.6 kW

Replacing: 5174740

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, **Total length** 205.60,

Clutch type Wet, **Gear type** DD,

Mounting holes 2 (0)

A: 63.00 **B:** 8.00 mm


112568 Starter 12 V

Replacing: SM56663, SM18191, 5666340MO30SM, 5666340-MO30SM, 5666320MO30SM, 1819140MO30SM, 1819140-MO30SM

Servicing: John Deere, Kohler

B+ 1/4" UNC, **Total length** 230.00,

Drive type Bronze, **Gear type** DD,

Mounting holes 0 (0)

B: 46.00 mm


112831 Starter 12 V, 0.6 kW

Replacing: SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO30SM

Servicing: Cub Cadet, Kohler

B+ M6, **Total length** 246.50,

Gear type DD, **Mounting holes** 2 (0)

A: 63.50 **B:** 41.40 mm



113015 Starter 12 V

Replacing: SM43790, SM43672, 4379040MO30SM, 4379040-M030SM, 4367240MO30SM, 4367240-M030SM

Servicing: Cub Cadet, John Deere, New Holland, Onan, Toro

B+ M6, **Total length** 228.75, **Drive type** Bronze, **Gear type** DD, **Mounting holes** 2 (0)

B: 27.40 mm



113017 Starter 12 V

Replacing: 6727040MO30SM, 5667140MO30SM, 5667140-M030SM

Servicing: John Deere

B+ M6, **Total length** 181.00, **Gear type** DD, **Mounting holes** 2 (0)

B: 30.00 mm



114075 Starter 12 V

Replacing: 4733040M030SM, 32-098-04, 32-098-03, 32-098-01

Servicing: Cub Cadet, New Holland

B+ M6, **Total length** 221.00, **Gear type** DD

B: 18.00 mm



110245 Starter 12 V, 1.0 kW

Replacing: TM000A07101, MG120559, MG117559, M40237

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, **Total length** 196.00,
Gear type GR, **Mounting holes** 2 (0)
A: 82.50 **B:** 26.00 mm



110439 Starter 12 V, 2.0 kW

Replacing: D11E84, D11E155, D11E141

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, **Total length** 309.50,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 25.00 mm



110522 Starter 12 V, 3.0 kW

Replacing: 455669

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

B+ M10, **Total length** 341.00,
Gear type DD, **Mounting holes** 3 (0)
A: 110.00 **B:** 26.50 mm



110565 Starter 12 V, 2.8 kW

Replacing: D11E15H, D11E154, D11E137

Servicing: Eicher, Massey Ferguson

B+ M8, **Total length** 313.00,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 29.50 mm



110818 Starter 12 V, 2.1 kW

Replacing: D11E59, D11E35

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, **15a** 6.30, **Total length** 309.00,
Gear type DD, **Mounting holes** 3 (0)
A: 92.00 **B:** 24.60 mm



111015 Starter 12 V, 1.1 kW

Replacing: D6RA52, D6RA22

Servicing: Lombardini, Various Agriculture Vehicles

B+ M8, **Total length** 216.25,
Gear type GR, **Mounting holes** 2 (0)
A: 76.00 **B:** 15.00 mm



111332 Starter 12 V, 2.7 kW

Replacing: D11E158, D11E131, D11E120

Servicing: Fendt, Renault Agriculture

B+ M8, **Total length** 293.55,
Gear type DD, **Mounting holes** 3 (0)
A: 89.00 **B:** 21.00 mm



113269 Starter 12 V, 3.0 kW

Replacing: D11E146, D11E118

Servicing: Atlas Copco, Barber Greene, Benford, Case, Daewoo, Matbro, Perkins, Thwaites

B+ M10, **Total length** 234.50,
Gear type GR, **Mounting holes** 3 (0)
A: 88.80 **B:** 31.50 mm



113478 Starter 12 V, 2.8 kW

Replacing: D7R14, 187031

Servicing: Atlas Copco, John Deere

B+ M10, **15a** M5, **Total length** 303.50,
Gear type DD, **Mounting holes** 2 (0),
Oil sealed
A: 82.00 **B:** 35.00 mm



110511 Starter 24 V, 4.0 kW

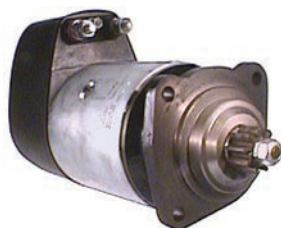
Replacing: AZK5539, 11.139.156

Servicing: Fortschritt, IFA

B+ M10, Total length 378.50,

Gear type DD, Mounting holes 0 (0)

A: 75.00 B: 37.00 mm



110512 Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS163, BNG4/24CR231,
BNG4/24, 0001416054, 0001416047,
0001416024, 0001416022, 0001415002

Servicing: Ahlmann, Irmer, Mercedes-Benz,
Various Agriculture Vehicles

B+ M10, Total length 384.00,

Gear type DD, Mounting holes 3 (0)

A: 89.00 B: 48.00 mm



110601 Starter 24 V, 5.4 kW

Replacing: BNG4/24CRS165SR,
BNG4/24CR165SR, 0001416013, 0001415010,
0001414017, 0001410030, 0001410029

Servicing: Mercedes-Benz, Steyr

B+ M10, Total length 384.25,

Gear type DD, Mounting holes 3 (0)

A: 88.85 B: 47.50 mm



111350 Starter 12 V, 3.0 kW

Replacing: AZJ3124, AZAJ3124, 11.130.436

Servicing: Belarus

B+ M10, Total length 337.45,

Gear type DD, Mounting holes 3 (0)

A: 99.70 B: 32.50 mm



113431 Starter 12 V, 3.0 kW

Replacing: AZJ3229, 11.130.685

Servicing: Belarus

B+ M10, Total length 338.00,

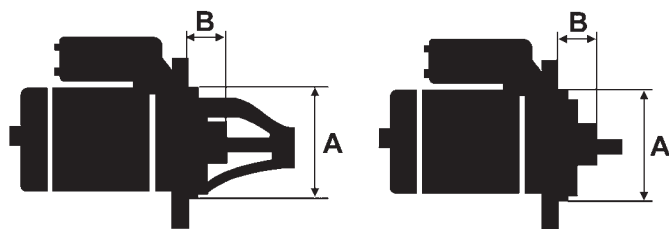
Gear type DD, Mounting holes 3 (0)

A: 101.00 B: 30.00 mm



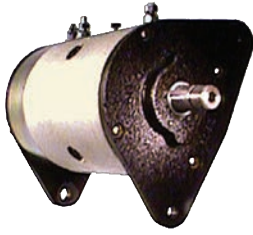
Dynastarters

A: Mounting flange, B: Drive distance



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110060 Dynastarter 12 V, 11 A, 0.9 kW

Replacing: 0010300100, 0010300006, 0010300004, 0010300002, 19025600

Servicing: Albin, BCS, Goldoni, Lombardini
OD 106.00, **Length** 236.50, **Pulley** w/o
Regulator: Cargo 235781. **Solenoid:** Cargo 130336.



110061# Dynastarter 12 V, 11 A, 0.9 kW

Replacing: 0010350102, 0010350005, 0010300101, 0010300003, 0010300001, 19025602

Servicing: BCS, Ferrari
OD 106.00, **Length** 237.00, **Pulley** w/o
Regulator: Cargo 235781. **Solenoid:** Cargo 130336.



113142 Dynastarter 12 V, 15 A

Replacing: 1101998, 1101986, 1101951

Servicing: Cub Cadet

OD 115.50, **Length** 262.00, **Pulley** w/o
Regulator: Cargo 233623, 233624. **Solenoid:** Cargo 132939. **Nut:** Cargo 132346.



113143 Dynastarter 12 V, 25 A

Replacing: 1101432

Servicing: Case, Cub Cadet, Jacobsen, Massey Ferguson, Roper, Simplicity

OD 115.00, **Length** 265.00, **Pulley** w/o
Regulator: Cargo 233622. **Solenoid:** Cargo 132939. **Nut:** Cargo 132346.



113145 Dynastarter 12 V, 15 A, 0.75 kW

Replacing: GSB107-06F, GSB107-06E, GSB107-06

Servicing: John Deere

OD 114.10, **Length** 241.50, **Pulley** w/o
Regulator: Cargo 233625.



113598 Dynastarter 12 V, 15 A

Replacing: 1101997, 1101996, 1101967, 1101692, 1101691

Servicing: Cub Cadet

OD 118.00, **Length** 265.00, **Pulley** w/o
Regulator: Cargo 233622. **Solenoid:** Cargo 132939. **Nut:** Cargo 132346.



Alternator parts

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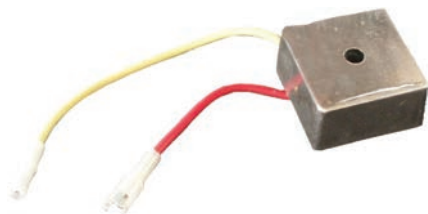
Regulators



234167# Regulator/Rectifier

Replacing: 493219

Dist. mount. holes 66.35



234170 Regulator/Rectifier

Replacing: 691188, 491546



234171# Regulator/Rectifier

Replacing: 691185, 397809

Regulators/Rectifiers



230149 Regulator/Rectifier Assy

Replacing: 394890, 393374

10-16 Diode A, OD 82.00, Capacitor w/o

Regulators



233624 Regulator

Replacing: D646, 1119576, 1118999, 1118997, 1118779, 1118381

Servicing: 10DN

Voltage setting 14.2,

Terminal type L-B+-F(A),

Dist. mount. holes 97.85

Pos. or neg. ground. A-circuit.

Regulators



130032 Regulator

Replacing: 0190350079, 0190350069, 0190350059, 0190350054, 0190350039, 0190350038, 0190350005, 0190309038

Servicing: 0101302022, 0101302023, 0101302027, 0101302067, 0101302068, 0101302069, 0101302070, 0101302075, 0101302076, 0101302085

360 W, D+ type Screw,
Terminal type D+ - DF-B+,
Dist. mount. holes 125.00



130037 Regulator

Replacing: 0190118005, 0190117009, 0190117004, 0190103008, 0190103002, 0190101012, 0190101011, 0190101007

Servicing: 0101402060, 0101402061, 0101402062, 0101402065, 0101402088, 0101402089, 0101402099, LJ/ GK300/24/1300A

450 W, D+ type Screw,
Terminal type D+ - DF-B+,
Dist. mount. holes 125.00



235781 Regulator

Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029

Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/ GEH90/12/1800F, LJ/GEH90/12/2300R

130 W, D+ type Screw,
Dist. mount. holes 95.00



235782 Regulator

Replacing: F026T02201, 0190350046, 0190309015, 0190309012, 0190309003, 0190215036, 0190215031, 0190215030

Servicing: 0101302004, 0101302035, 0101302038, 0101302039, 0101302044, 0101353005, 0101353037, 0101354023, 0101355016, 0101355042

192 W, D+ type Screw,
Dist. mount. holes 95.00



235783 Regulator

Replacing: F026T02202, 9190083000, 9190082001, 0190309037, 0190309029, 0190309028, 0190309016, 0190309004

Servicing: 0101206009, 0101206011, 0101206012, 0101206043, 0101207005, LJ/ GEG160/12/2500

240 W, D+ type Screw,
Dist. mount. holes 95.00



235784 Regulator

Replacing: F026T02203, 0190350055, 0190309018

300 W, Dist. mount. holes 95.00



235785 Regulator

Replacing: F026T02204

360 W, Dist. mount. holes 94.00



235786 Regulator

Replacing: F026T02205, 0190350063, 0190350041, 0190350040, 0190350034, 0190350015, 0190309040, 0190309020

Servicing: 0101206063, 0101206064, 0101206116, 0101206117, 0101302074, 0101302083, 0101302107, 0101302108, 0101356005, 0101356013

456 W, D+ type Screw,
Dist. mount. holes 95.00

Regulators



130033 Regulator
Replacing: NCB136, NCB134, 37592, 37577, 37503, 37432
D+ type Spade,
Terminal type E-D-WL-F-B,
Dist. mount. holes 119.00



130038 Regulator
Replacing: NCB114, NCB113, 37399, 37396, 37277, 37274, 37258, 37230, 37229, 37198, 37197
Dist. mount. holes 94.00



130039 Regulator
Replacing: NCB112, 37395, 37228
Dist. mount. holes 108.00



130040 Regulator
Replacing: NCB119, 37407, 37403, 37397, 37388, 37327
D+ type Spade, **Dist. mount. holes** 111.00



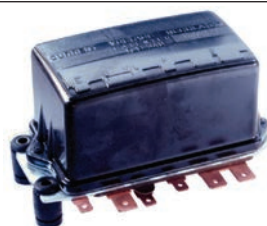
130041 Regulator
Replacing: NCB120, NCB118, 37408, 37405, 37398, 37365
D+ type Spade, **Dist. mount. holes** 96.50



130505 Regulator
Replacing: D663, D6353, D635, D634, D632, D631, 1119519, 1119515, 1119512, 1119507, 1119506
Servicing: 10DN, 20DN
Voltage etting 14.5,
Terminal type F-S-B+-L,
Dist. mount. holes 91.00



130883 Regulator
Replacing: NCB132, NCB130, 37573, 37572, 37570, 37563A, 37563, 37542, 37451, 37362, 37344
Dist. mount. holes 115.85



130884 Regulator
Replacing: NCB131, NCB121, 37574A, 37574, 37568, 37543, 37529, 37342
Dist. mount. holes 113.60



233624 Regulator
Replacing: D646, 1119576, 1118999, 1118997, 1118779, 1118381
Servicing: 10DN
Voltage etting 14.2,
Terminal type L-B+-F(A),
Dist. mount. holes 97.85
Pos. or neg. ground. A-circuit.



235781 Regulator
Replacing: F026T02200, 9190215028, 9120215028, 0190350045, 0190350009, 0190309032, 0190215037, 0190215029
Servicing: 0010300100, 0101209016, 0101209033, 0101209039, LJ/GEH90/12/1800F, LJ/GEH90/12/2300R
130 W, D+ type Screw,
Dist. mount. holes 95.00



235784 Regulator
Replacing: F026T02203, 0190350055, 0190309018
300 W, Dist. mount. holes 95.00



235785 Regulator
Replacing: F026T02204
360 W, Dist. mount. holes 94.00



Starter parts

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Clutches



234211 Clutch

Replacing: 692024, 398003, 391135

Servicing: 393499, 394805, 394807, 394808, 394943, 396306, 399169, 399928, 490420, 491308, 494148, 494198, 494990, 495100, 497401

Drives



137278 Drive Kit

Replacing: 391461

Servicing: 390838, 391178, 392749, 393499, 394807, 394943

Gear: Cargo 139395.



139417 Drive Kit

Replacing: 696539, 495877, 490467, 393254

Servicing: 394808, 396306, 399169, 490420, 494148, 494198, 494990, 495100, 498148

ID 16.20, **OD** 40.00, **Total length** 11.55, **Splines** 3

Gear: Cargo 139395.



139418 Drive Kit

Replacing: 696540, 495878, 490771, 490421, 396865, 3886

Servicing: 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148

Gear: Cargo 139395.



230399 Drive Kit

Replacing: 491836

Servicing: 490753, 495104

OD 40.00, **Total length** 19.50



230400 Drive Kit

Replacing: 497606

Servicing: 497401, 497594, 497595, 497596, 499521, 693054

OD 41.00, **Total length** 11.50
w/ snap ring.

Pinion



139395 Pinion

Replacing: 693059, 4114, 280104

Servicing: 390838, 394805, 399928, 491334, 495102, 497596, 498148

ID 20.50, **OD** 41.00, **Height** 11.50 mm, **Splines** 2



234466 Pinion

Replacing: 234466

ID 15.90, **OD** 40.60/1.60",

Height 19.80/0.78" mm, **Splines** 2



235627 Pinion

Replacing: 693713

Servicing: 693551, 693552, 695479

ID 16.20, **OD** 40.85, **Total length** 13.80, **Splines** 2

Drives

Pinion



234120# Pinion

Replacing: 334323, 33432

Servicing: 32468, 32468a, 32468b, 33605, 35763, 35763a, 35765, 35765a, 36680

ID 10.00, **OD** 32.55, **Height** 31.00 mm



234121# Pinion

Replacing: 33844

Servicing: 33835

ID 10.25, **OD** 32.00, **Height** 31.00 mm



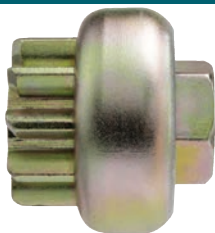
234122# Pinion

Replacing: 34949A

Servicing: 34934, 35707, 35709, 36086, 36123

ID 9.70, **OD** 26.90, **Height** 20.30 mm

Drives



135400 Drive

Replacing: DV70175, DV18019, 7017540DV30SM, 7017540, 1801940DV30SM, 1801940

Servicing: 0139940m030sm, 0228940m030sm, 0246540m030sm, 0246640M030SM, 0319940m030sm, 0996340m030sm, 1065221m030sm, 1097028m030sm

ID 12.85, **OD** 31.75, **Total length** 36.75, **Splines** 6
Bronze.



135401 Drive

Replacing: DV16375, 1637540DV30SM

Servicing: 0255640-m030sm, 4411940-m030sm, sm02556, sm44119, SM48510

ID 12.85, **OD** 43.00, **Total length** 36.40, **Splines** 6
Bronze.



135402 Drive

Replacing: DV70104, DV47871, DV08154, 7010440DV30SM, 4787140DV30SM, 0815440DV30SM

Servicing: 0814240M030SM, 4820440M030SM, 4820540M030SM, 4886540m030sm, 5275640Mo30SM, 5672740M030SM, sm08142, sm14916, sm17183

ID 12.15, **OD** 27.00, **Total length** 35.65, **Splines** 6
Bronze.



135403 Drive

Replacing: DV02557, 0255740DV30SM

Servicing: 0996140mo30sm, sm09961, smh12b31, SMH12B37

ID 12.15, **OD** 29.00, **Total length** 35.00, **Splines** 6
Bronze.



135404 Drive

Replacing: DV20346, 2034640DV30SM

Servicing: 1122940-m030sm, 1574440M030SM, 1574540mo30sm, 1799640M030SM, 5059240M030SM, 5071240M030SM, SM002610, sm02610, sm10629

ID 13.00, **OD** 36.55, **Total length** 35.50, **Splines** 6



135406 Drive

Replacing: DV44192, 4419240DV30SM

Servicing: 4412040M030SM, 5273440M030SM, sm44120

ID 12.85, **OD** 29.00, **Total length** 36.85, **Splines** 6
Bronze.



135408 Drive

Replacing: DV18200, 1820040DV30SM

Servicing: 1819040-m030sm, 1819040mo30sm, 1819140M030SM, 2134940-M030SM, 2134940mo30sm, 5213140-m030sm, 5213140M030SM

ID 12.15, **OD** 29.00, **Total length** 36.55, **Splines** 6
Bronze.



135409 Drive

Replacing: DV551067AS, DV551067A, DV551067, DV47338, 5695KT30SM, 5695340KT30SM, 4733840DV30SM

Servicing: 0599440-m030sm, 0599540mo30sm, 1570140mo30sm, 1635340-m030sm, 4733040mo30sm, 5129640mo30sm, 5665740M030SM

ID 10.45, **OD** 32.25, **Total length** 28.00



135410 Drive

Replacing: DV551092AS, DV551092A

Servicing: smh12a102, smh12a201, smh12a202, SMH13A102, SMH13A201, SMH13A202, SMH13A62

ID 10.50, **OD** 32.20, **Total length** 30.00, **Splines** 4
Bronze.



135411# Drive
Replacing: DV551068A
Servicing: smh12a11
ID 10.50, **OD** 38.75, **Total length** 30.85,
Splines 7
Bronze.



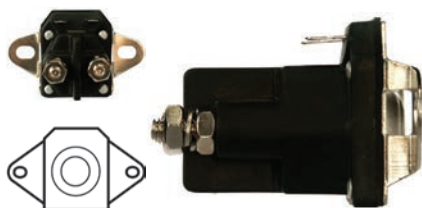
230399 Drive Kit
Replacing: 6024140GE30SM
Servicing: 6013840Mo30SM, 6019440mo30sm
OD 40.00, **Total length** 19.50

Pinion

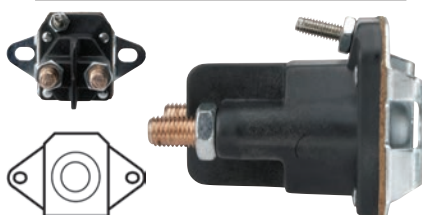


139395 Pinion
Replacing: 280104
ID 20.50, **OD** 41.00, **Height** 11.50 mm,
Splines 2

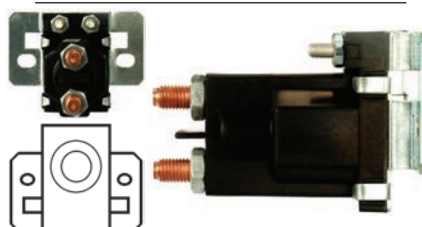
Solenoids



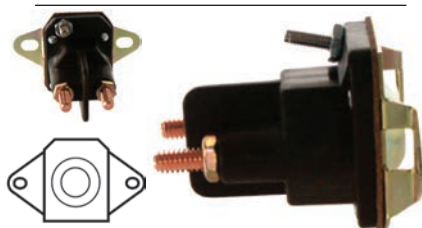
231525 Solenoid
Replacing: 231525
Coil bolt 1/4"-20, No./terminals 4
Insulated return.



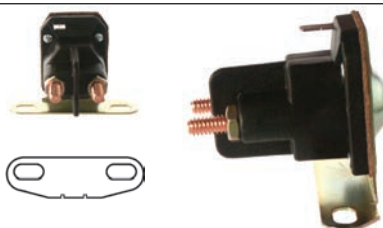
231526 Solenoid
Replacing: 231526
OD 55.85, Coil bolt 5/16"-24,
No./terminals 3
Relay w/ 1/4" B+: Cargo 234070.



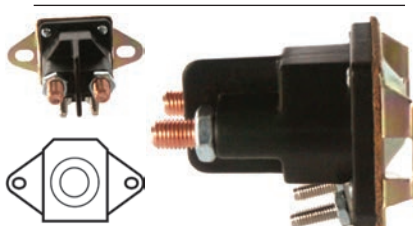
231527 Solenoid
Replacing: 231527
OD 54.20, Coil bolt 5/16"-24,
No./terminals 4



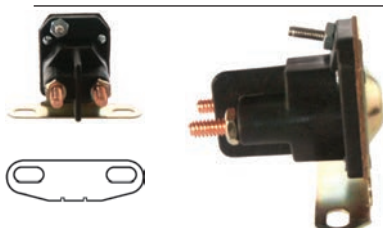
234070 Solenoid
Replacing: 234070
Coil bolt 1/4"-20, No./terminals 3
Relay w/ 5/16" B+: Cargo 231526.



234071 Solenoid
Replacing: 234071
Coil bolt 5/16"-24, No./terminals 3



234072 Solenoid
Replacing: 234072
Coil bolt 5/16"-24, No./terminals 4
Insulated return.



234073 Solenoid
Replacing: 234073
Coil bolt 1/4"-20, No./terminals 3
Insulated return.



Workshop Consumables & Tools

Edition 2013/2014



Plugs & Sockets

DIN and Cigarette Lighter



160294 Cigarette Lighter
Servicing: Alfa Romeo, Audi, Opel, VW
 12 V, **Light** No
Universal.



160300 Cigarette Lighter
 12 V, **Light** Yes
Universal.



160409 Lighter Socket
 12-24 V, 20 A, **Connection** Terminal,
Light No, **Bracket** w/
Universal.

Sockets

Pkg. 10



180038 DIN Socket
ID/mount. hole 18.5 mm, **Material** Nickel
 plated brass, **Connection** Screw,
Mounting holes 1, **Bracket** w/, Female,
DIN norm 72591, **ISO norm** 4165
Standard DIN.

Pkg. 10



180115 DIN Socket
Dist. mount. holes 46 mm,
Material Moulded aluminium,
Connection Screw, **Mounting holes** 2,
No./poles 2, Female, **DIN norm** 72591,
ISO norm 4165
Universal.

Pkg. 10



180157 DIN Socket
ID/mount. hole 18.5 mm, **Material** Nickel
 plated brass, **Connection** Terminal,
No./poles 2, **Bracket** w/, Female,
DIN norm 72591, **ISO norm** 4165

Pkg. 10



180315 DIN Socket
Dist. mount. holes 46 mm,
Material Plastic, **Connection** Screw,
Mounting holes 2, **No./poles** 2, Female
Universal.

Pkg. 10



180354 Coupling Socket
Servicing: Female

Pkg. 10



181275 Din socket
ID/mount. hole 18.5 mm,
Connection Terminal, **No./poles** 2,
Bracket w/, Female, **DIN norm** 72591,
ISO norm 4165



181548 Twin Socket Cigar Adapter
 12 V, 15 A
 w/ 60 cm cable.



181549 Twin Socket Cigar Adapter
 12 V, 15 A



181550 Twin Socket Cigar Adapter
 12 V, 10 A
 w/ 2 USB plugs. Cable length: 650 mm.



181575 Socket
Light No, **Bracket** w/o
Universal. w/ 30 cm cable 0.8 mm².



181601 USB Adapter
12-24 V, 3 A, **Material** PVC,
Connection Lighter Socket, 2 horizontally
built-in ports, charging two USB devices
simultaneously.



181616 DIN Socket
6-24 V, 16 A, **Mount.** Screw,
Mount. hole dia. 18.4 mm,
Colour Black, **Material** Shockproof
plastic, **Protection degree** IP 67,
Connection Cable, **No./poles** 2, Female,
ISO norm 4165

Plugs



180113 DIN Plug
Material Plastic, **Connection** Screw,
No./poles 2, Male, **DIN norm** 72591,
ISO norm 4165
Universal. Fits Cargo 180115.



180230 DIN Plug
Material Plastic, **Connection** Screw,
Male, **ISO norm** 4165
*Universal plug suitable for all cigarette
lighter sockets. Also suitable for standard
DIN socket.*



180287 DIN Plug
Material Plastic, **Connection** Screw,
Male, **ISO norm** 4165
*Universal plug suitable for all cigarette
lighter sockets. Also suitable for standard
DIN socket. w/ built-in 8 A fuse.*



180399 DIN Plug
Material Plastic, **Connection** Screw,
No./poles 2, Male
Universal. Fits Cargo 180315.

Accessories



181579 Plug and Socket
12-24 V

Pkg. 10

Pkg. 10

Pkg. 10



181602 USB Charging Kit
Servicing: Cargo 181601, 181550
Material PVC, **Connection** USB, *Plug 1:*
Nokia N70/628/6300/N95. Plug 2: Sony PSP.
Plug 3: I-Phone. Plug 4: Nokia 8600/6500C.
Plug 5: Nintendo DS Lite. Plug 6: Motorola.
Plug 7: Samsung Trace/E900.

Adapters - 12/24 V

7-7 Pin



180201 Trailer Adapter
12-24 V, **Plug type** 1 24N,
Plug type 2 12N, **Plugs** 1 7, **Plugs** 2 7,
ISO norm 1 1724, **ISO norm** 2 1185

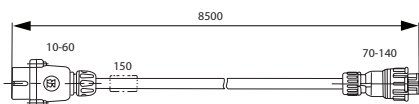
Adapters 12 V

2-2 Pin



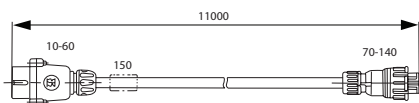
181622 Splitter cable
Servicing: HC-CARGO 181617
12 V, **Cable dim.** 2x1 mm²,
Length 0.25 m, **Plugs** 1 2, **Plugs** 2 2

7-8 Pin

**181618** Trailer Adapter

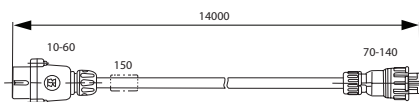
Servicing: HC-CARGO 181617

12 V, Cable dim. 6x1 mm², Length 8.5 m, Plug type 1 12N, Plug type 3 Bayonet, Colour Black, Material ABS plastic, Plugs 1 7, Plugs 2 8, ISO norm 1 1724

**181619** Trailer Adapter

Servicing: HC-CARGO 181617

12 V, Cable dim. 6x1 mm², Length 11 m, Plug type 1 12N, Plug type 3 Bayonet, Colour Black, Material ABS plastic, Plugs 1 7, Plugs 2 8, ISO norm 1 1724

**181620** Trailer Adapter

Servicing: HC-CARGO 181617

12 V, Cable dim. 6x1 mm², Length 14 m, Plug type 1 12N, Plug type 3 Bayonet, Colour Black, Material ABS plastic, Plugs 1 7, Plugs 2 8, ISO norm 1 1724

**181621** Socket with cable

Servicing: HC-CARGO 181617

12 V, Cable dim. 4x1 mm², Length 2 m, Plug type 1 12N, Plug type 3 4 pin Power Seal, Colour Black, Material ABS plastic, Plugs 1 7, Plugs 2 4, ISO norm 1 1724

7-13 Pin

**181461** Trailer Adapter

Servicing: Hobby and Hymer caravans

12 V, Cable w/o, Plugs 1 7, Plugs 2 13, ISO norm 1 1724, ISO norm 2 11446

Connect pos. 2/54 on 7-pin to pos. 9 and 10 on 13-pin. (continuous power supply) and connect 3/31 on 7-pin to pos. 3.11 and 13 on 13-pin.

13-7 Pin

**180213** Trailer Adapter

12 V, Cable length 0.8 mm, Cable w/, Plugs 1 13, Plugs 2 7, ISO norm 1 11446, ISO norm 2 1724

**180221** Trailer Adapter

12 V, Cable length 1 mm, Cable w/, Plugs 1 7, Plugs 2 13, ISO norm 1 11446, ISO norm 2 1724

**180298** Trailer Adapter

Cable w/, Plugs 1 13, Plugs 2 7

**180305** Trailer Adapter

12 V, Cable w/o, Plugs 1 13, Plugs 2 7

**180332** Trailer Adapter

Plug type 2 Multicon, Cable w/o, Plugs 1 13, Plugs 2 7-13



180373 Trailer Adapter
12 V, Cable length 0.1 mm, Cable w/,
Plugs 1 7, Plugs 2 13

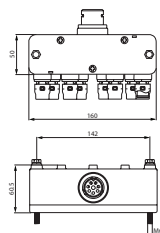


180574 Trailer Adapter
12 V, Cable length 0.3 mm,
Plug type 2 12N/12S, Cable w/,
Plugs 1 13, Plugs 2 7,
ISO norm 1 11446, ISO norm 2 1724



180606 Trailer Adapter
12 V, Cable w/o, Plugs 1 13, Plugs 2 7
Extremely compact.

Distributor Box



181617 Distribution Box
Dim. 160x60x120 mm, Input 8 Pin,
Outlet 6x4 Pin + 2x3 Pin,
Protection degree IP 54

Trailer Sockets - 12 V

3 Pin



180306 Socket
12 V, 5/25/25 A, Colour Black,
Material Plastic, Connection Terminal,
No./poles 3, Female, ADR-approved No,
GGVS approval No

Pkg. 5



180307 Socket
12 V, 5/25/25 A, Colour Black,
Material Plastic, Connection Terminal,
No./poles 3, Female, DIN norm 9680,
ADR-approved No, GGVS approval No



180308 Plug
12 V, 5/25/25 A, Colour Black,
Material Plastic, Connection Terminal,
No./poles 3, Male, DIN norm 9680,
ADR-approved No, GGVS approval No

7 Pin

Pkg. 5



180110 Trailer Socket
Servicing: Cargo 180107, 180108, 180147,
181547
12 V, Plug type 12N, Colour Black,
Material Shock thermo plastic,
Connection Screw, No./poles 7, Female,
DIN norm 72577, ISO norm 1724

Pkg. 5



180150 Coupling Socket
Servicing: Cargo 180110, 180218, 180293,
181485
12 V, Plug type 12N, Colour Black,
Material Shock thermo plastic,
Connection Screw, No./poles 7, Female,
DIN norm 72577, ISO norm 1724

Pkg. 5



180218 Trailer Socket
Servicing: Cargo 180107, 180108, 180147,
181547
12 V, Plug type 12N, Colour Black,
Material Moulded aluminium,
Connection Screw, No./poles 7,
DIN norm 72577, ISO norm 1724



Pkg. 5

180239 Trailer Socket**Servicing:** Cargo 180238**12 V, Plug type** 12S, **Colour** Black,**Material** Shock thermo plastic,**Connection** Screw, **No./poles** 7, Female, **ISO norm** 3732*w/ changed central contact 7/58L. w/ grey cap.*

Pkg. 5

180293 Trailer Socket**Servicing:** Cargo 180107, 180108, 180147, 181547**12 V, Plug type** 12N, **Colour** Black,**Material** Shock thermo plastic,**Connection** Terminal, **No./poles** 7, Female, **DIN norm** 72577, **ISO norm** 1724

Pkg. 5

180620 Coupling Socket**Servicing:** Cargo: 180239**12 V, Plug type** 12S, **Colour** Grey,**Material** Shock thermo plastic,**Connection** Cable, Female *w/ changed 7/58L contact.*

Pkg. 5

181485 Trailer Socket**Servicing:** Cargo 180107, 180108, 180147, 181547**12 V, Plug type** 12N, **Colour** Black,**Material** Shock thermo plastic,**Connection** Screw, **No./poles** 7, Female,**DIN norm** 72577, **ISO norm** 1724*w/ rear fog light cut-off.***181604** Trailer Socket**Servicing:** Cargo 180107, 180108, 180147, 181547**12 V, 6 A, Plug type** 12N, **Colour** Black,**Material** Shock thermo plastic,**Connection** Screw, **No./poles** 7, Female,**DIN norm** 72577, **ISO norm** 1724*Micro and mechanical switch.*

13 Pin

**180214** Trailer Socket**Servicing:** Cargo 180212**12 V, Colour** Black,**Locking device** Bayonet, **Material** Nickelplated brass, **Protection degree** Splashproof, **Connection** Screw, **No./poles** 13,**DIN norm** 72570, **ISO norm** 11446*Trailer socket kit: Cargo 180405.***181274** Trailer Socket**Servicing:** Cargo 180212**12 V, Colour** Black,**Locking device** Bayonet, **Material** Nickelplated brass, **Protection degree** Splashproof, **Connection** Screw, **No./poles** 13,**DIN norm** 72570, **ISO norm** 4091*w/ micro switch, that switch over the rear fog lamps from car to trailer. Trailer socket kit: Cargo 180405.***181576** Coupling Socket**12 V, Colour** Black, **Material** Shockproofplastic, **Connection** Screw,**No./poles** 13, Female

13-7 Pin

**180329** Trailer Socket**Servicing:** Cargo 180330**12 V, Plug type** Multicon, **Colour** Black,**Material** Shock thermo plastic,**Connection** Screw,**No./poles** 7/13, Female, **ISO norm** 1724*w/ micro switch, that switch over the rear fog lamps from car to trailer.*

Trailer Sockets - 24 V

3 Pin



180402 Trailer socket
6-24 V, Colour Black, Material Shock thermo plastic, Connection Screw, No./poles 3, Female

7 Pin



180112 Trailer Socket
Servicing: Cargo 180296, 180351, 180111, 180154
24 V, Plug type 1 24N, Plug type 2 Europe, Colour Black, Material Shock thermo plastic, Connection Terminal, No./poles 7, Female, DIN norm 72579, ISO norm 1185



180153 Trailer Socket
Servicing: Cargo 180296, 180351, 180111, 180154
24 V, Plug type 1 24N, Plug type 2 Europe, Colour Black, Material Shock thermo plastic, Connection Screw, No./poles 7, Female, DIN norm 72579, ISO norm 1185



180219 Trailer Socket
Servicing: Cargo 180296, 180351, 180111, 180154
24 V, Plug type 1 24N, Plug type 2 Europe, Material Moulded aluminium, Connection Screw, No./poles 7, Female, DIN norm 72579, ISO norm 1185



180240 Trailer Socket
Servicing: Cargo 180568, 180610, 180624
24 V, Plug type 1 24S, Plug type 2 Europe, Colour Black, Material Shock thermo plastic, Connection Screw, No./poles 7, Female, ISO norm 3731
w/ changed 1/31 contact. w/ grey cap.



180296 Trailer Socket
Servicing: Cargo 180112, 180153, 180219, 180607, 180297
24 V, Plug type 1 24N, Plug type 2 Europe, Material Moulded aluminium, Connection Terminal, No./poles 7, Female, DIN norm 72579, ISO norm 1185



180351 Trailer Socket
Servicing: Cargo 180112, 180153, 180219, 180607, 180297, Vauxhall
24 V, Plug type 1 24N, Plug type 2 Europe, Material Moulded aluminium, Connection Terminal, No./poles 7, Female, DIN norm 72579, ISO norm 1185
16x flat tongue.



180568 Trailer Socket
Servicing: Cargo 180240, 180569, 180608, 180241
24 V, Plug type 1 24S, Plug type 2 Europe, Colour Black, Material Shock thermo plastic, Connection Terminal, No./poles 7, Female, ISO norm 3731
w/ changed 1/31 contact. w/ grey cap.



180569 Trailer Socket
Servicing: Cargo 180568, 180610, 180624
24 V, Plug type 1 24S, Plug type 2 Europe, Material Moulded aluminium, Connection Terminal, No./poles 7, Female, ISO norm 3731
w/ changed 1/31 contact. w/ grey cap.



180571 EBS Socket
24 V, Plug type 2 EBS, No./poles 7, DIN norm 74001, ISO norm 7638
w/ ejector device for correct plug/socket connection. Incl. pins 3x1.5+2x4 mm².

**180607** Trailer Socket

Servicing: Cargo 180296, 180351, 180111, 180154

24 V, **Plug type 1** 24N, **Plug type 2** Europe, **Protection degree** IP 54, **Connection** Terminal, **No./poles** 7, Female, **DIN norm** 72579, **ISO norm** 1185, **ADR-approved** Yes

**180608** Trailer Socket

Servicing: Cargo 180568, 180610, 180624

24 V, **Plug type 1** 24S, **Plug type 2** Europe, **Colour** Black, **Material** Shock thermo plastic, **Protection degree** IP 54, **Connection** Terminal, **No./poles** 7, Female, **ISO norm** 3731, **ADR-approved** Yes
w/ changed 1/31 contact. w/ grey cap.

**181470** EBS Socket

24 V, **Plug type 2** EBS, **Locking device** Metal bracket, **No./poles** 7, **ISO norm** 7638
Screw connection w/ wirecolour indication.

**181471** EBS Socket

24 V, **Plug type 2** EBS, **Locking device** Bayonet, **No./poles** 7, **ISO norm** 7638
Screw connection w/ wire colour indication. Angled.

13 Pin

**180253** EBS Socket

24 V, **No./poles** 13, **DIN norm** 74001, **ISO norm** 7638, **ADR-approved** Yes, **GGVS approval** Yes
Incl. pins 12x1+1x2.5 mm². Weather proof.

Accessories

**180611** Terminal Coupling

Servicing: Cargo 180112, 180569, 180607, 180608, 180241, 180297

24 V, **Plug type** Europe, **Colour** White, **No./poles** 7, Multiplug
For trailer sockets.

Trailer Sockets - 6/24 V

4 Pin

**180404** Trailer socket

6-24 V, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 4, Female, **DIN norm** 72575

Trailer Plugs - 12 V

7 Pin

Pkg. 5

**180107** Trailer Plug

Servicing: Cargo 180110, 180218, 180293, 181485

12 V, **Plug type** 12N, **Material** Moulded aluminium, **Connection** Screw, **No./poles** 7, Male, **DIN norm** 72577, **ISO norm** 1724

Pkg. 5

**180108** Trailer Plug

Servicing: Cargo 180110, 180218, 180293, 181485

12 V, **Plug type** 12N, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 7, Male, **DIN norm** 72577, **ISO norm** 1724

Pkg. 5

**180147** Trailer Plug

Servicing: Cargo 180110, 180218, 180293, 181485

12 V, **Plug type** 12N, **Colour** Black, **Material** Shock thermo plastic, **Connection** Snap-on, **No./poles** 7, Male, **DIN norm** 72577, **ISO norm** 1724

Pkg. 5



180238 Trailer Plug

Servicing: Cargo 180239

12 V, Plug type 12S, **Colour** Grey, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 7, Male, **ISO norm** 3732
w/ changed 7/58L contact.



181547 Trailer Plug

Servicing: Cargo 180110, 180218, 180293, 181485

12 V, Plug type 12N, **Colour** Black, **Material** Plastic, **Connection** Terminal, **No./poles** 7, Male, **DIN norm** 72577, **ISO norm** 1724, **ADR-approved** No, **GGVS approval** No
w/ rubber grommet for 1 cable. Grommet for 2 cables: Cargo 181581.

13 Pin



180212 Trailer Plug

Servicing: Cargo 180214, 181274

12 V, Colour Black, **Locking device** Bayonet, **Material** Shock thermo plastic, **Protection degree** Splash proof, **Connection** Screw, **No./poles** 13, Male, **DIN norm** 72570, **ISO norm** 11446
Nickel plated brass pins.

13-7 Pin



180330 Trailer Plug

Servicing: Cargo 180329

12 V, Plug type Multicon, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 7-13, Male, **ISO norm** 1724 + 6 contacts.

Trailer Plugs - 24 V

7 Pin



180111 Trailer Plug

Servicing: Cargo 180112, 180153, 180219, 180607, 180297

24 V, Plug type 1 24N, **Plug type** 2 Europe, **Colour** Black, **Material** Shock thermo plastic, **Connection** Terminal, **No./poles** 7, Male, **DIN norm** 72579, **ISO norm** 1185



180154 Trailer Plug

Servicing: Cargo 180112, 180153, 180219, 180607, 180297

24 V, Plug type 1 24N, **Plug type** 2 Europe, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 7, Male, **DIN norm** 72579, **ISO norm** 1185



180220 Trailer Plug

24 V, Plug type 1 24N, **Plug type** 2 Europe, **Material** Moulded aluminium, **Connection** Screw, **No./poles** 7, Male, **DIN norm** 72579, **ISO norm** 1185



180241 Trailer Plug

Servicing: Cargo 180568, 180610, 180624

24 V, Plug type 1 24S, **Plug type** 2 Europe, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw, **No./poles** 7, Male, **ISO norm** 3731
w/ changed 1/31 contact. w/ grey plastic interior.



180297 Trailer Plug

Servicing: Cargo 180296, 180351, 180111, 180154

24 V, Plug type 1 24N, **Plug type** 2 Europe, **Material** Moulded aluminium, **Connection** Terminal, **No./poles** 7, Male, **DIN norm** 72579, **ISO norm** 1185



180570 EBS Plug

24 V, Plug type EBS, **Locking device** Metal bracket, **Protection degree** Waterproof, **Connection** 529, **No./poles** 7, **DIN norm** 40050, **ISO norm** 7638
Incl. pins 5x1.5+2x4 mm². w/ locking device.

**180610** Trailer Plug

Servicing: Cargo 180240, 180569, 180608, 180241

24 V, **Plug type 1** 24S,
Plug type 2 Europe, **Colour** Black,
Material Shock thermo plastic,
Protection degree IP 54,
Connection Screw, **No./poles** 7, Male,
ISO norm 3731, **ADR-approved** Yes
w/ changed 1/31 contact. w/ grey plastic interior.

**180624** Trailer Plug

Servicing: Cargo 180240, 180569, 180608, 180241

24 V, **Plug type 1** 24S,
Plug type 2 Europe, **Material** Moulded aluminium, **Connection** Screw,
No./poles 7, Male, **ISO norm** 3731
w/ changed 1/31 contact. w/ grey plastic interior.

**181469** EBS Plug

24 V, **Plug type 2** EBS,
Locking device Metal bracket,
Protection degree Waterproof,
No./poles 7, **ISO norm** 7638
Screw connection w/ wirecolour indication.

13 Pin**180252** EBS Plug

24 V, **Connection** 529, **No./poles** 13,
DIN norm 40050, **ISO norm** 7638,
ADR-approved Yes, **GGVS approval** Yes
Incl. pins 12x1+1x2.5 mm². Weather proof.

Accessories

Pkg. 5

**180612** Terminal Coupling

Servicing: Cargo 180296, 180351, 180568, 180111, 180609

24 V, **Plug type** Europe, **Colour** Red,
No./poles 7

Trailer Plugs - 6/24 V**3 Pin****180401** Trailer plug

6-24 V, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw,
No./poles 3, Male, **DIN norm** 9680

4 Pin**180403** Trailer plug

6-24 V, **Colour** Black, **Material** Shock thermo plastic, **Connection** Screw,
No./poles 4, Male, **DIN norm** 72575

Cable Kits 12 V**7 Pin****180001** Trailer Cable Kit

12 V, **Length** 1.4 m, **Cable type** Single core w/ flex, **Socket type** 12N,
Sockets 7, **Fixing materials** Yes,
Fixing materials Yes, **Male** 7, **Gasket** Yes,
DIN norm 72577, **ISO norm** 1724

**180144** Trailer Cable Kit

12 V, **Length** 1.4 m, **Cable type** Multi core, **Socket type** 12N, **Sockets** 7,
Fixing materials Yes,
Fixing materials Yes, **Male** 7, **Gasket** Yes,
DIN norm 72577, **ISO norm** 1724

**180248** Trailer Cable Kit

12 V, **Length** 2 m, **Cable type** Multi core, **Socket type 1** 12N, **Sockets** 7,
Fixing materials Yes,
Fixing materials Yes, **Male** 7, **Gasket** Yes,
DIN norm 72577, **ISO norm** 1724

13 Pin**180405** Trailer Cable Kit

Servicing: Cargo 180214

12 V, **Length** 1.8 m, **Cable type** Multi core, **Socket** 13, **Fixing materials** Yes,
Fixing materials Yes, **Gasket** Yes,
DIN norm 72570, **ISO norm** 4091
w/ rubber gasket.

Accessories



180245 ABS Sealing Kit

Pkg. 10



180249 Rubber Gasket

Servicing: Cargo 180110, 180218, 180239, 180293, 181485

No./poles 7, Female

Pkg. 10



181510 Rubber Gasket

Servicing: Cargo 180110, 180218, 180239, 180293, 181485

Pkg. 10



181581 Rubber Bushing

Servicing: Cargo 181547

OD 6.5 mm, **Material** Rubber w/ 2 outlets.



181583 Mounting Bracket

Servicing: Cargo 180110, 180218, 180239, 180293, 181485

ID 40 mm, **OD** 80,

Dist. mount. holes 20 mm,

Mount hole 1 12 mm, **Mounting holes** 2 (0) For trailer socket.



181612 Rubber Gasket

Servicing: HC-CARGO: 180110, 180218, 180239, 180293, 181485

Colour Black, **Material** EPDM rubber



181623 Cable w/ connector 2P 2m

Servicing: HC-CARGO 181617

12 V, **Cable dim.** 2x1 mm², **Length** 2 m,

Plug type 2 pin Power Seal, **Plugs** 2



181624 Cable w/ connector 2P 3.56m

Servicing: HC-CARGO 181617

12 V, **Cable dim.** 2x1 mm², **Length** 3.56 m,

Plug type 2 pin Power Seal, **Plugs** 2



181625 Cable w/ connector 4P 2.30m

Servicing: HC-CARGO 181617

12 V, **Cable dim.** 4x1 mm², **Length** 2.3 m,

Plug type 4 pin Power Seal, **Plugs** 4



181626 Cable w/ connector 4P 4.06m

Servicing: HC-CARGO 181617

12 V, **Cable dim.** 4x1 mm²,

Length 4.06 m, **Plug type** 4 pin Power Seal, **Plugs** 4



181627 Bayonet connector

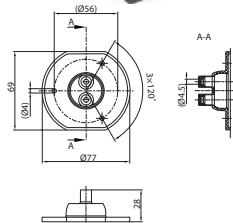
Servicing: HC-CARGO 181617

12 V, **Cable dim.** 8x1.5-2.5 mm²,

Mount. Terminal, **Plug type** Bayonet,

Locking device Bayonet,

Connection Connection, **No./poles** 8, **DIN norm** 72580



181628 Rubber Gasket

Servicing: HC-CARGO: 180110, 180218, 180239, 180293, 181485

Colour Black, **Material** EPDM rubber

Trailer Coils 12 V

7 Pin

**180225** Trailer Coil

12 V, Cable dim. 6x1+1x1.5 mm², Working length 3.5 m, Plug type 1 12N, Plug type 2 24N, Plug type 3 Europe, Colour Black, Material Polyurethan, Windings 42, Plugs 1 7, Plugs 2 7, ISO norm 1724

**180372** Trailer Coil

12-24 V, Cable dim. 6x1+1x1.5 mm², Working length 3.5 m, Plug type 1 12N, Plug type 2 12N, Colour Black, Material Polyurethan, Windings 42, Plugs 1 7, Plugs 2 7, ISO norm 1724

**180613** Trailer Coil

12 V, Cable dim. 6x1+1x1.5 mm², Working length 1.5 m, Plug type 1 12N, Plug type 2 12N, Colour Black, Material Polyurethan, Windings 15, Plugs 1 7, Plugs 2 7, ISO norm 1724

**181544** Extension Cable Coil

12 V, Cable dim. 6x1.5+1x2 mm², Mount. Screw, Working length 3.5 m, Plug type 1 12N, Plug type 2 Europe, Plug type 3 12N, Plug type 4 Europe, Colour Black, Material Shock thermo plastic, Windings 42, Plugs 1 7, Plugs 2 7, DIN norm 72577, ISO norm 1724

13 Pin

**181600** Trailer coil w/ 2 x 13pin plugs

12 V, Working length 3 m, Windings 17, Plugs 1 13, Plugs 2 13, ISO norm 11446 Max extension length: 4.5 m.

Trailer Coils 24 V

2 Pin

**181489** Trailer Coil

24 V, Cable dim. 2x35 mm², Working length 4 m, Plug type 1 Nato plug, Plug type 2 Nato plug, Colour Red/black, Material Polyurethan, Windings 35, Plugs 1 2, Plugs 2 2

7 Pin

**180194** Trailer Coil

24 V, Cable dim. 6x1+1x1.5 mm², Working length 3.5 m, Plug type 1 12N, Plug type 2 24N, Plug type 3 Europe, Colour Black, Material Nylon, Windings 20, Plugs 1 7, Plugs 2 7, ISO norm 1 1185, ISO norm 2 1724

**180195** Trailer Coil

24 V, Cable dim. 6x1+1x1.5 mm², Working length 3.5 m, Plug type 1 24N, Plug type 2 Europe, Plug type 3 24N, Plug type 4 Europe, Colour Black, Material Nylon, Windings 20, Plugs 1 7, Plugs 2 7, DIN norm 72579, ISO norm 1 1185, ISO norm 2 1185 Aluminium plug.

**180196** Trailer Coil

24 V, Cable dim. 6x1+1x1.5 mm², Working length 3.5 m, Plug type 1 24N, Plug type 2 Europe, Plug type 3 24N, Plug type 4 Europe, Colour Black, Material Nylon, Windings 20, Plugs 1 7, Plugs 2 7, DIN norm 72579, ISO norm 1 1185, ISO norm 2 1185



180226 Trailer Coil
24 V, Cable dim. 6x1+1x1.5 mm²,
Working length 3.5 m, Plug type 1 24N,
Plug type 2 Europe, Plug type 3 24N,
Plug type 4 Europe, Colour Black,
Material Polyurethan, Windings 42,
Plugs 1 7, Plugs 2 7, ISO norm 1185



180227 Trailer Coil
24 V, Cable dim. 6x1+1x1.5 mm²,
Working length 3.5 m, Plug type 1 24N,
Plug type 2 Europe, Plug type 3 24N,
Plug type 4 Europe, Colour Black,
Material Polyurethan, Windings 42,
Plugs 1 7, Plugs 2 7, ISO norm 1185
Aluminium plug.



180228 Trailer Coil
24 V, Cable dim. 6x1+1x1.5 mm²,
Mount. Moulded, Working length 3.5 m,
Plug type 1 24N, Plug type 2 Europe,
Plug type 3 24N, Plug type 4 Europe,
Colour Black, Material Polyurethan,
Windings 42, Plugs 1 7, Plugs 2 7,
ISO norm 1185



180316 Trailer Coil
12-24 V, Cable dim. 6x1+1x1.5 mm²,
Working length 3.5 m, Plug type 1 24S,
Plug type 2 Europe, Plug type 3 24S,
Plug type 4 Europe, Colour Black,
Material Polyurethan, Windings 42,
Plugs 1 7, Plugs 2 7, ISO norm 3731



180572 Trailer Coil
24 V, Cable dim. 2x4+5x1.5 mm²,
Working length 4 m, Plug type 1 EBS,
Plug type 2 EBS, Material Polyurethan,
Plugs 1 7, Plugs 2 7, DIN norm 74001,
ISO norm 7638

13 Pin



180250 Trailer Coil
Cable dim. 12x1.5+1x2.5 mm²,
Working length 3.5 m,
Material Polyurethan, Plugs 1 13,
Plugs 2 13, ISO norm 6772,
GGVS approval Yes

NATO Cable Connectors



180197 Nato Socket
24 V, 200 A, Dim. 35-50 mm²,
Dist. mount. holes 82.5/47.6 mm,
Mounting holes 4, No./poles 2



180198 Nato Plug
24 V, 200 A, Dim. 50 mm², No./poles 2



180325 Nato Plug
24 V, 200 A, Dim. 50 mm²,
Material Metal/Rubber, No./poles 2
w/ screw device.



180349 Nato Socket
24 V, 250 A, Dim. 70 mm²,
Dist. mount. holes 85/60 mm,
Mounting holes 4, No./poles 2



180350 Nato Plug
24 V, 250 A, Dim. 70 mm², No./poles 2



181563 Nato Plug
24 V, 200 A, Dim. 50 mm², No./poles 2



193002 Nato Socket 2-pin
24 V, Dim. 35 mm²,
ID/mount. hole 6 mm,
Dist. mount. holes 82x49 mm,
Colour Black, Material Plastic,
Mounting holes 4, No./poles 2,
Bracket w/, Female



181611 Nato Plug
24 V, 200 A, **Dim.** 35 mm²,
Material Aluminium, **No./poles** 2

Spare Parts

Pkg. 2



180560 Terminal
Cable size 35 mm², **Gender** Female
For Cargo 180197. Long.

Pkg. 2



180561 Terminal
Plug length 42 mm, **Cable size** 35 mm²,
Gender Male
For Cargo 180325.

Accessories



180199 Nato Coupling
24 V, 200 A, **Dim.** 35-50 mm²,
No./poles 2

Industrial Battery Connectors

50 Ampere



180381 Battery Connector
600 V, 50 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB50, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180382 Battery Connector
600 V, 50 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp,
Type Female, **Model** CB50,
Colour Red, **Material** Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180383 Battery Connector
600 V, 50 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB50, **Colour** Black,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180530 Battery Connector
600 V, 50 A, **Cable dim.** 6 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB50, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180531 Battery Connector
600 V, 50 A, **Cable dim.** 6 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB50, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180532 Battery Connector
600 V, 50 A, **Cable dim.** 6 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB50, **Colour** Black,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes

50 Ampere

Spare Parts



180390 Terminals

Servicing: Cargo 180381, -382, -383
600 V, 50 A, **Cable dim.** 16 mm²



180535 Terminals

Servicing: Cargo 180530, -531, -532
600 V, 50 A, **Cable dim.** 6 mm²

Accessories



180548 Handle

Servicing: Cargo 180381, -382, -383, -530, -531, -532
Colour Red



181516 Dust Cap

For CB50.

80 Ampere



180542 Battery Connector

150 V, 80 A, **Cable dim.** 25 mm²,
Mount. Solder/crimp, **Type** Female,
Model NF80, **Colour** Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23, **Resistant to acid** Yes



180543 Battery Connector

150 V, 80 A, **Cable dim.** 25 mm²,
Mount. Solder/crimp, **Type** Male,
Model NF80, **Colour** Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23, **Resistant to acid** Yes



180562 Battery Connector

150 V, 80 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Female,
Model NF80, **Colour** Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23, **Resistant to acid** Yes



180563 Battery Connector

150 V, 80 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Male,
Model NF80, **Colour** Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23,
Resistant to acid Yes

100 Ampere



181501 Battery Connector

150 V, 100 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Female,
Colour Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23,
Resistant to acid Yes



181502 Battery Connector

150 V, 100 A, **Cable dim.** 16 mm²,
Mount. Solder/crimp, **Type** Male,
Colour Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23,
Resistant to acid Yes



181503 Battery Connector

150 V, 100 A, **Cable dim.** 25 mm²,
Mount. Solder/crimp, **Type** Female,
Colour Black, **Material** Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23, **Resistant to acid** Yes



181504 Battery Connector Kit

150 V, 100 A, **Cable dim.** 25 mm²,
Mount. Solder/crimp, **Type** Male,
Colour Black, **Material** Plastic,
Material 2 Silver plated copper alloy,
Temp./Max +90 °C, **Temp./Min** -20 °C,
Protection degree IP 23, **Resistant to acid** Yes

100 Ampere

Accessories

**181505** Handle

Servicing: Cargo 181501, 181502, 181503, 181504

Colour Red

160 Ampere

**181519** Battery Connector

150 V, 160 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Female,
Model NF160, **Colour** Black,
Material Plastic, **Material 2** Silver plated
copper alloy, **Temp./Max** +90 °C,
Temp./Min -20 °C,
Protection degree IP 23,
Resistant to acid Yes
Delivered w/o derate set 50/35.

**181520** Battery Connector Kit

150 V, 160 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Male,
Model NF160, **Colour** Black,
Material Plastic, **Material 2** Silver plated
copper alloy, **Temp./Max** +90 °C,
Temp./Min -20 °C,
Protection degree IP 23,
Resistant to acid Yes
Delivered w/o derate set 50/35.

160 Ampere

Accessories

**180380** Handle

Colour Black

**181521** Reducer Kit

Servicing: Cargo 181519, 181520
150 V, 160 A, **Cable dim.** 50/35 mm²

175 Ampere

**180384** Battery Connector

600 V, 175 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes

**180385** Battery Connector

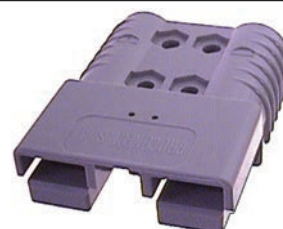
600 V, 175 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes
79.4x55.6x25.4 mm.

**180533** Battery Connector

600 V, 175 A, **Cable dim.** 35 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes

**180534** Battery Connector

600 V, 175 A, **Cable dim.** 35 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes

**180537** Battery Connector

600 V, 175 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C
Can replace CBE160, except yellow.



180538 Battery Connector
600 V, 175 A, **Cable dim.** 50 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB175, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C
Can replace CBE160, except yellow.

175 Ampere

Spare Parts



180392 Terminals
Servicing: Cargo 180384, -385
600 V, 175 A, **Cable dim.** 50 mm²



180536 Terminals
Servicing: Cargo 180533, 180534
600 V, 175 A, **Cable dim.** 35 mm²



180554 Terminals
Servicing: Cargo 180537, -538
600 V, 175 A, **Cable dim.** 50 mm²

Accessories



180391 Handle
Servicing: Cargo 180533, -534, -537, -538,
-384, -385
Colour Red



180549 Handle
Servicing: Cargo 180533, -534, -537, -538,
-384, -385
Colour Grey



181517 Dust cap
For CB175.

250 Ampere



180580 Battery Connector
150 V, 250 A, **Cable dim.** 50 mm²,
Mount. Soldering, **Type** Male,
Model Y250, **Colour** Yellow,
Material Thermoplastic,
Material 2 Copper alloy



180581 Battery Connector
250 V, 250 A, **Cable dim.** 50 mm²,
Mount. Soldering, **Type** Female,
Model P250, **Colour** Black,
Material Thermoplastic,
Material 2 Copper alloy

250 Ampere

Spare Parts



181605 Terminals
Servicing: Cargo 180581
Gender Female



181606 Terminals
Servicing: Cargo 180580
Gender Male

Accessories



180582 Terminals
Servicing: Cargo 180580
Gender Male
Single delivered.



180583 Terminals
Servicing: Cargo 180581
Gender Female
Single delivered.



181328 Rubber Boot
Protection degree IP 66



181329 Lid
Self-closed.



181594 Joint interfacial
Servicing: Cargo 180580

300 Ampere



180575 Battery Connector
250 V, 300 A, **Cable dim.** 70 mm²,
Mount. Soldering, **Model** E300,
Colour Yellow, **Material 2** Copper alloy,
Bracket w/
Shells: stamped steel and coated w/ yellow paint. Insulators: DMC mouldings. Terminals w/ brazed solid silver tip.



180577 Battery Connector
250 V, 300 A, **Cable dim.** 70 mm²,
Mount. Soldering, **Model** E300,
Colour Yellow, **Material 2** Copper alloy,
Bracket w/
Shells: stamped steel and coated w/ yellow paint. Insulators: DMC mouldings. Terminals w/ brazed solid silver tip.

320 Ampere



180395 Battery Connector
150 V, 320 A, **Cable dim.** 90/70 mm²,
Mount. Solder/crimp, **Type** Female,
Model NF320, **Colour** Black,
Material Plastic, **Material 2** Silver plated copper alloy, **Temp./Max** +90 °C, **Temp./Min** -20 °C, **Protection degree** IP 23,
Resistant to acid Yes
w/ reducing bushings for 70 mm² cable.



180396 Battery Connector
150 V, 320 A, **Cable dim.** 90/70 mm²,
Mount. Solder/crimp, **Type** Male,
Model NF320, **Colour** Black,
Material Plastic, **Material 2** Silver plated copper alloy, **Temp./Max** +90 °C, **Temp./Min** -20 °C, **Protection degree** IP 23,
Resistant to acid Yes
w/ reducing bushings for 70 mm² cable.

320 Ampere

Accessories



180616 Terminals
Servicing: Cargo 180395
150 V, 160 A, **Type** Female

350 Ampere



180386 Battery Connector
600 V, 350 A, **Cable dim.** 70 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB350, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic silver plating, **Temp./Max** +125 °C, **Temp./Min** -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180387 Battery Connector
600 V, 350 A, **Cable dim.** 70 mm²,
Mount. Solder/crimp, **Type** Female,
Model CB350, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C, **Solvent** Yes,
Resistant to acid Yes, **Hydrocarbons** Yes



180551 Battery Connector
600 V, 350 A, **Cable dim.** 70 mm²,
Mount. Solder/crimp, **Type** Female,
Model CBX350, **Colour** Grey,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C



180552 Battery Connector
600 V, 350 A, **Cable dim.** 70 mm²,
Mount. Solder/crimp, **Type** Female,
Model CBX350, **Colour** Red,
Material Polycarbonat,
Material 2 Electrolytic copper with galvanic
silver plating, **Temp./Max** +125 °C,
Temp./Min -40 °C

350 Ampere

Accessories



180550 Handle
Servicing: Cargo 180386, -387, 180551, -552
Colour Grey

Crimp Terminals

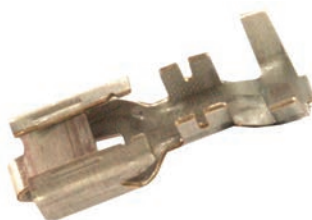
Insulated

Ring



190255 Terminal
Lead dim. 2.6-6.6 mm²,
Conductor dim. 44/0.3-84/0.3 mm,
ID 3.6-6.8 mm, **Length** 33 mm,
Width 8 mm, **Type 2** Ring,
Colour Yellow

Non Insulated



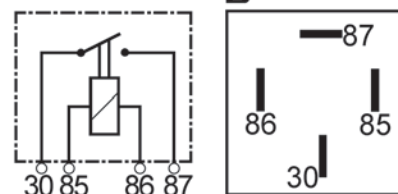
191766 Terminal
Dim. 3.3x5.5 mm², **ID** 3.32-5.37 mm,
Width 6.3 mm, **Type 1** Female,
Type 2 Flat, **Type 6** Powr-bloks,
Non return tag w/
For Cargo 191722, 191723, 191724, 191726.

Relay & Switches

Relays

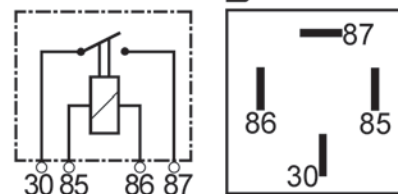
Mini - 6V

Pkg. 10

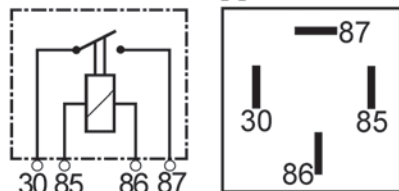


160652 Mini Relay
6 V, 20 A, **Terminals** 4, **Bracket** w/

Mini - 12V



160080 Mini Relay
12 V, 30 A, **Terminals** 4, **Bracket** w/

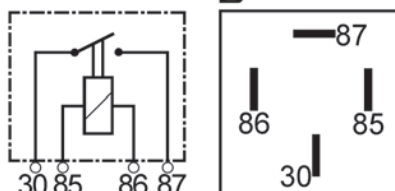
**160083** Mini Relay

Servicing: BMW

12 V, 30 A, **Terminals** 4, **Bracket** w/, **Fuse** w/o

Own consumption 50-180 mA depending on coil size.

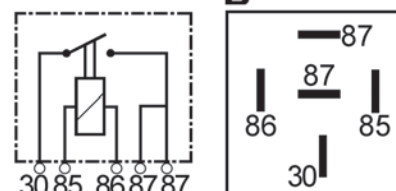
Pkg. 10

**160282** Mini Relay

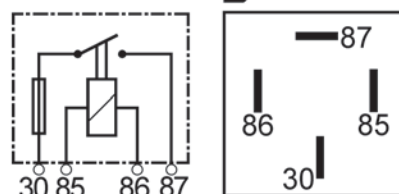
Servicing: 1403010, S115HD24-2, ZGS002, ZGS003, Kia

12 V, 40 A, **Terminals** 4, **Bracket** w/o

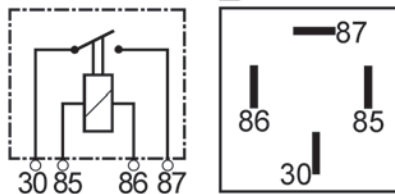
Pkg. 10

**160903** Mini Relay12 V, 40 A, **Terminals** 5, **Bracket** w/

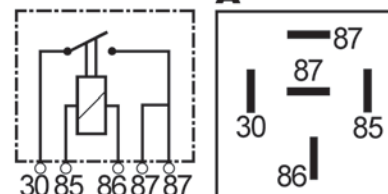
Pkg. 10

**160155** Mini Relay12 V, 15 A, **Terminals** 4, **Bracket** w/ w/ insertable ATO blade fuse.

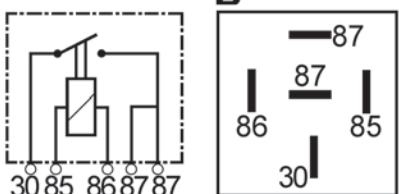
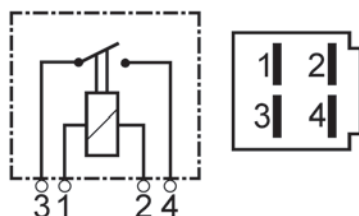
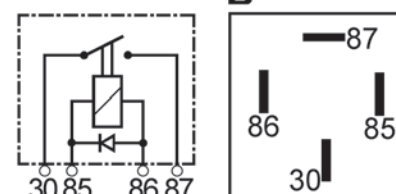
Pkg. 10

**160311** Mini Relay12 V, 40 A, **Terminals** 4, **Bracket** w/

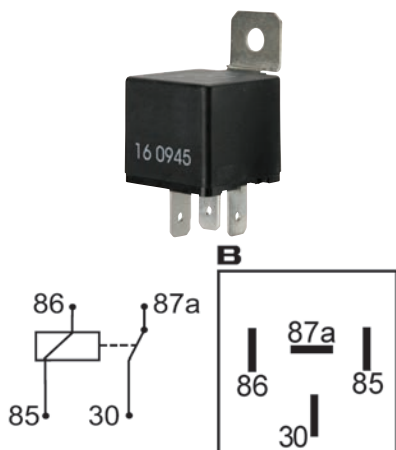
Pkg. 10

**160921** Mini Relay12 V, 30 A, **Height** 47 mm, **Plug type** Flat, **Terminals** 5, **Bracket** w/, **Resistor** w/o

Pkg. 10

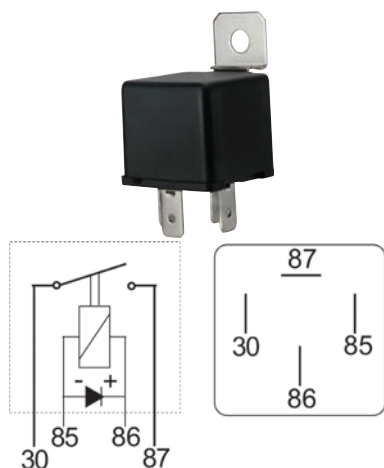
**160265** Mini Relay12 V, 30 A, **Terminals** 5, **Bracket** w/**160480** Mini Relay12 V, 25 A, **Terminals** 4, **Bracket** w/**160929** Mini Relay12 V, 40 A, **Terminals** 4, **Bracket** w/, **Diode** w/

Pkg. 10



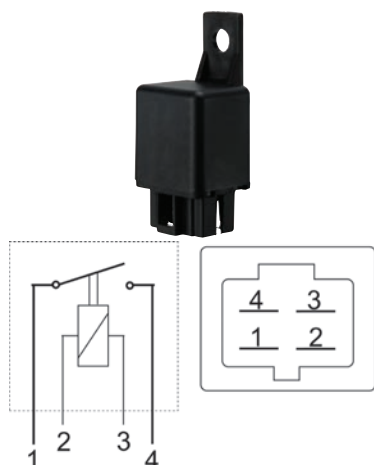
160945 Mini Relay
12 V, 20 A, **Terminals** 4, **Bracket** w/

Pkg. 10



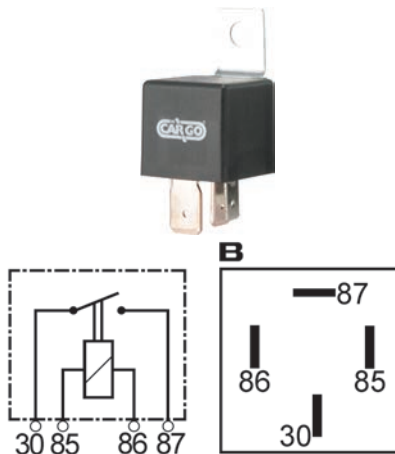
160982 Mini Relay
12 V, 40 A, **Terminals** 4

Pkg. 10



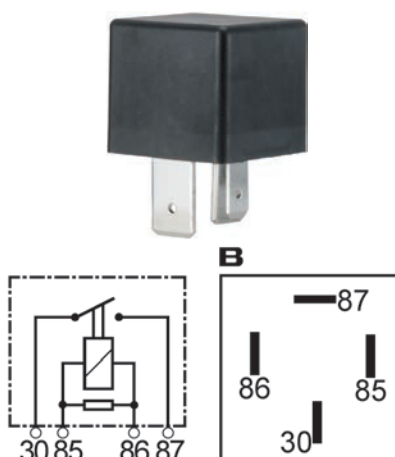
160983 Mini Relay
12 V, 30 A, **Terminals** 4

High Performance

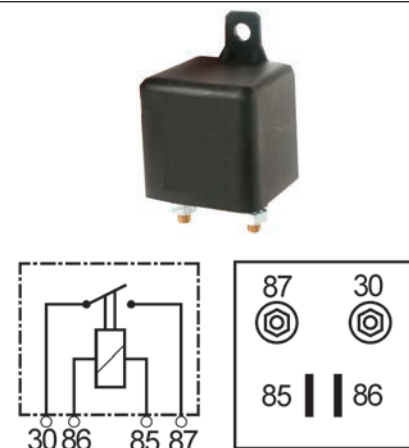


160239 Mini Relay
12 V, 70 A, **Type** High performance,
Terminals 4, **Bracket** w/
w/ two 6.3 mm and two 9.5 mm terminals.
(terminals 30 and 87).

Pkg. 10

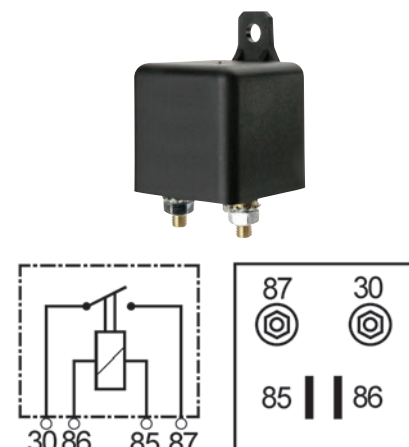


160468 Mini Relay
12 V, 70 A, **Type** High performance,
Terminals 4, **Bracket** w/o, **Resistor** w/
w/ two 6.3 mm and two 9.5 mm terminals.
(terminals 30 and 87).

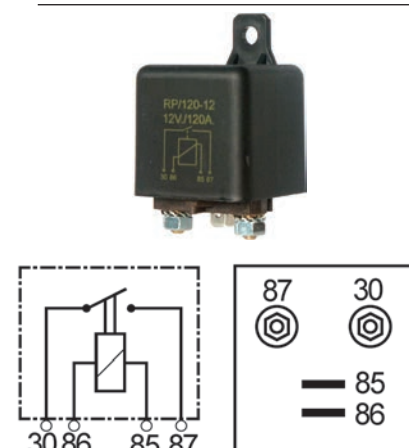


160477 Mini Relay
12 V, 100 A, **Type** High performance,
Terminals 4
180 A for 15 sec. w/ 2x6.3 mm screws and
2xM6 flat plugs.

Pkg. 10

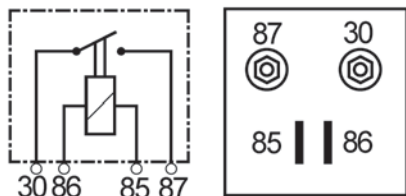


160477z Mini Relay
12 V, 100 A, **Type** High performance,
Terminals 4, **Bracket** w/
180 A for 15 sec. w/ 2x6.3 mm screws and
2xM6 flat plugs.



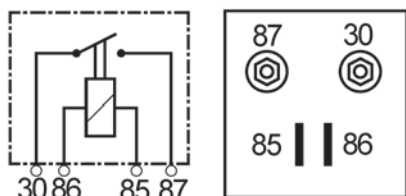
160720 Mini Relay
12 V, 120 A, **Terminals** 4, **Bracket** w/

Pkg. 10



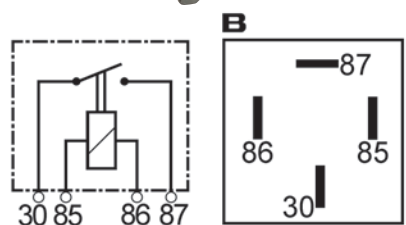
160922 Mini Relay
12 V, 140 A, **Type** High performance,
Terminals 4, **Bracket** w/

Pkg. 10



160923 Mini Relay
12 V, 200 A, **Type** High performance,
Terminals 4, **Bracket** w/

Pkg. 10



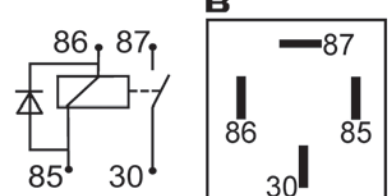
160931 Mini Relay
12 V, 50 A, **Terminals** 4, **Bracket** w/
Terminal 85+86=6.3 mm. Terminal 87+30=8
mm.

Pkg. 10

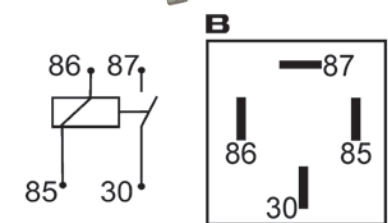


160940 Mini Relay
12 V, 40 A, **Terminals** 5, **Bracket** w/
w/ double output.

Pkg. 10



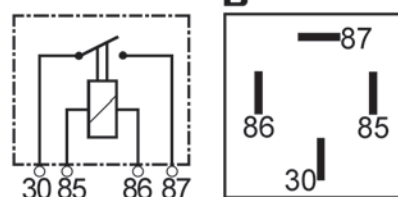
160941 Mini Relay
12 V, 70 A, **Terminals** 4, **Bracket** w/
Diode w/



160946 Mini Relay
12 V, 100 A, **Terminals** 4, **Bracket** w/o

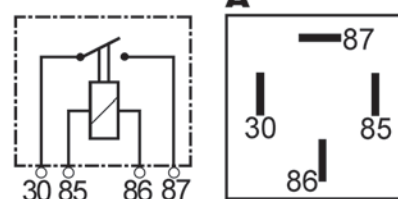
Mini - 24V

Pkg. 10



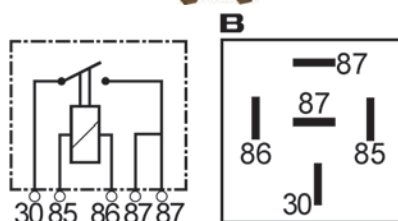
160082 Mini Relay
24 V, 20 A, **Terminals** 4, **Bracket** w/

Pkg. 10



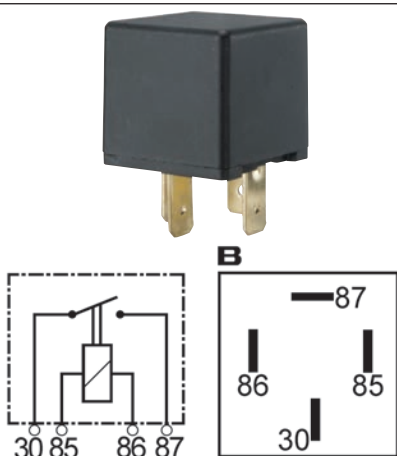
160215 Mini Relay
24 V, 20 A, **Terminals** 4, **Bracket** w/o

Pkg. 10

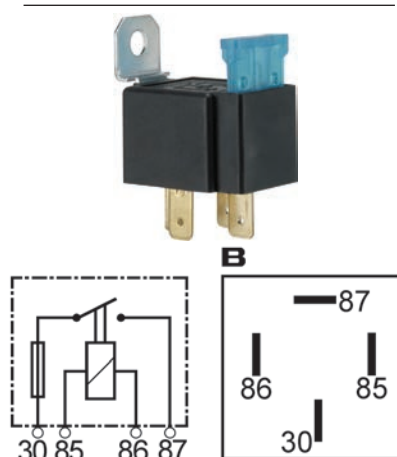


160266 Mini Relay
24 V, 20 A, **Terminals** 5, **Bracket** w/

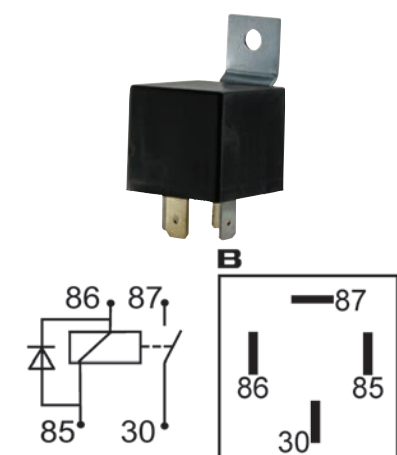
Pkg. 10



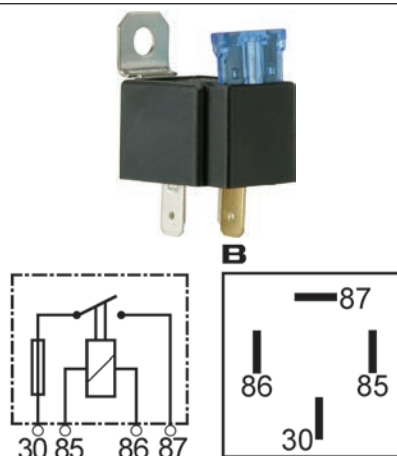
160307 Mini Relay
24 V, 20 A, **Terminals** 4, **Bracket** w/o



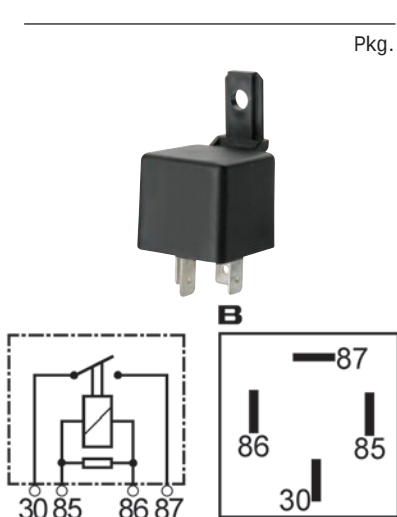
160473 Mini Relay
24 V, 15 A, **Type/fuse** ATO, **Terminals** 4, **Bracket** w/, **Fuse** w/
w/ insertable ATO blade fuse.



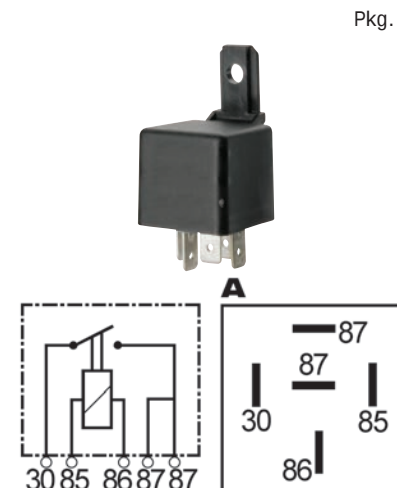
160890 Mini Relay
24 V, 20 A, **Terminals** 4, **Bracket** w/, **Diode** w/



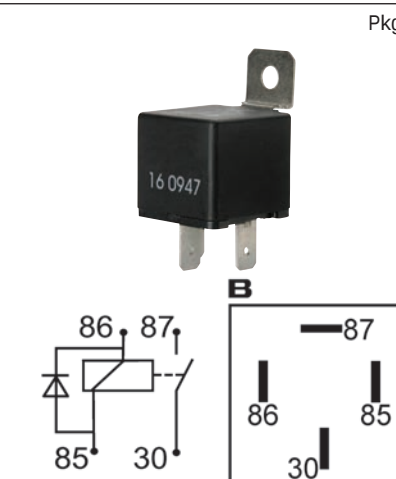
160926 Mini Relay
24 V, 20 A, **Type/fuse** ATO, **Terminals** 4, **Bracket** w/, **Fuse** w/



160935 Mini Relay
24 V, 22 A, **Terminals** 4, **Bracket** w/, **Resistor** w/

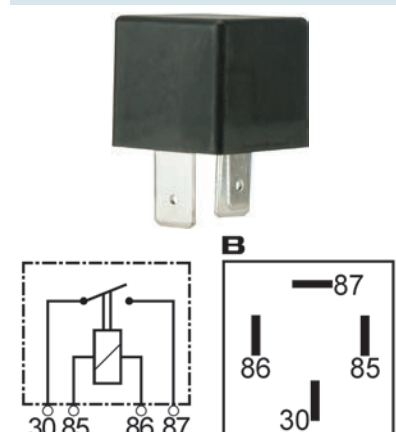


160936 Mini Relay
24 V, 22 A, **Terminals** 5, **Bracket** w/
w/ double output.

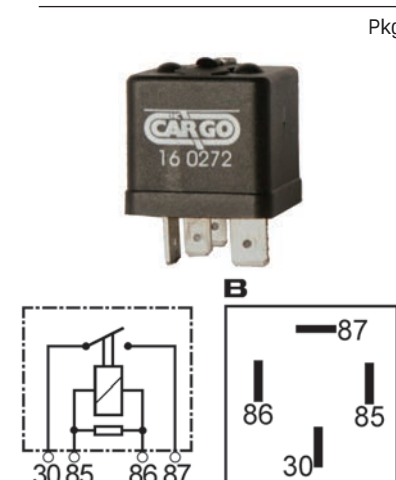


160947 Mini Relay
24 V, 20 A, **Terminals** 4, **Bracket** w/, **Diode** w/

High Performance



160240 Mini Relay
24 V, 40 A, **Type** High performance, **Terminals** 4, **Bracket** w/o
w/ two 6.3 mm and two 9.5 mm terminals.
(terminals 30 and 87).

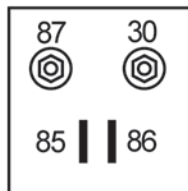
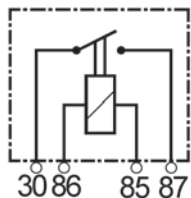


160272 Mini Relay
24 V, 70 A, **Terminals** 4, **Bracket** w/o, **Resistor** w/
w/ two 6.3 mm and two 9.5 mm terminals.
(terminals 30 and 87).

Pkg. 10



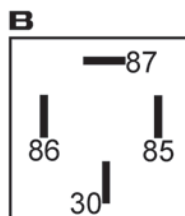
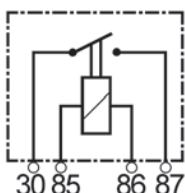
Pkg. 10



160478 Mini Relay
24 V, 60 A, **Type** High performance,
Terminals 4, **Bracket** w/
180 A for 15 sec. w/ 2x6.3 mm screws and
2xM6 flat plugs.



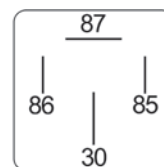
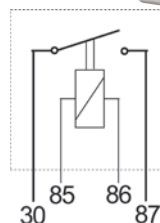
Pkg. 10



160937 Mini Relay
24 V, 40 A, **Terminals** 4, **Bracket** w/



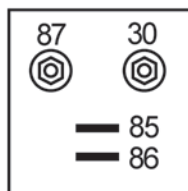
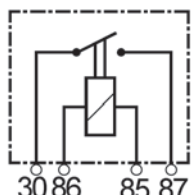
Pkg. 10



160978 Mini Relay
24 V, 40 A, **Type** High performance,
Terminals 4, **Bracket** w/o



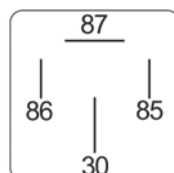
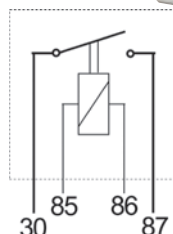
Pkg. 10



160721 Mini Relay
24 V, 100 A, **Type** High performance,
Terminals 4, **Bracket** w/



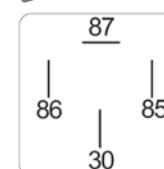
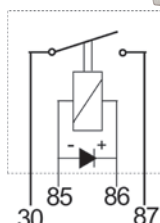
Pkg. 10



160975 Mini Relay
24 V, 70 A, **Type** High performance,
Terminals 4, **Bracket** w/



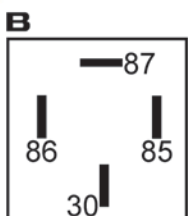
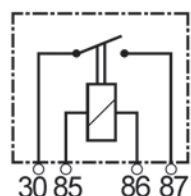
Pkg. 10



160979 Mini Relay
24 V, 30 A, **Type** High performance,
Terminals 4, **Bracket** w/



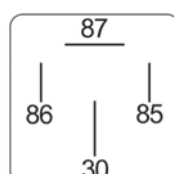
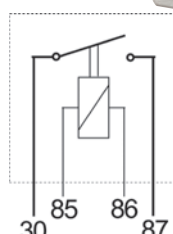
Pkg. 10



160769 Mini Relay
24 V, 70 A, **Type** High performance,
Terminals 4, **Bracket** w/o
w/ two 6.3 mm and two 9.5 mm terminals.
(terminals 30 and 87).



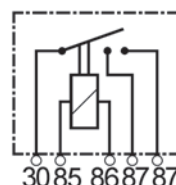
Pkg. 10



160977 Mini Relay
24 V, 50 A, **Type** High performance,
Terminals 4, **Bracket** w/

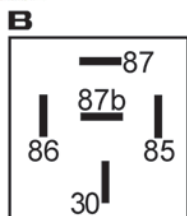
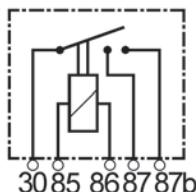


Pkg. 10



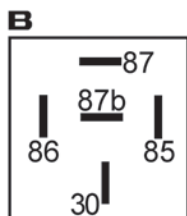
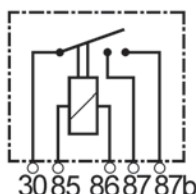
160168 Relay
Servicing: Mercedes-Benz
12 V, 2x20 A, **Terminals** 5, **Bracket** w/

Pkg. 10



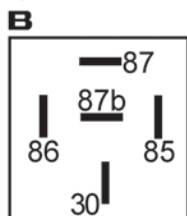
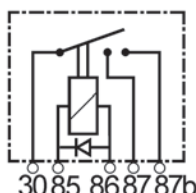
160169 Relay
24 V, 2x10 A, **Terminals** 5, **Bracket** w/

Pkg. 10



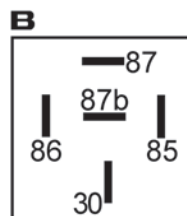
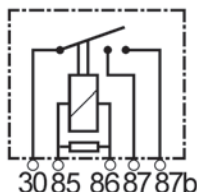
160902 Relay
12 V, 2x15 A, **Terminals** 5, **Bracket** w/

Pkg. 10

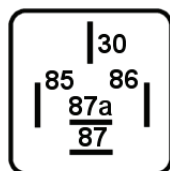


160934 Mini Relay
12 V, 2x20 A, **Terminals** 5, **Bracket** w/,
Diode w/

Pkg. 10



160938 Relay
24 V, 2x10 A, **Terminals** 5, **Bracket** w/,
Resistor w/
w/ *double contact*.



160939 Relay
24 V, 2x10 A, **Terminals** 5, **Bracket** w/,
Diode w/

High Performance 12V



160984 Relay
12 V, 300 A, **Type** High performance,
Terminals 3, **Bracket** w/

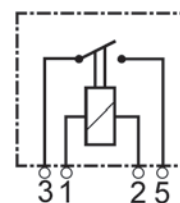
High Performance 24V



160985 Relay
24 V, 200 A, **Type** High performance,
Terminals 3, **Bracket** w/

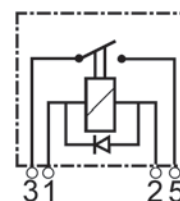
Micro

Pkg. 10



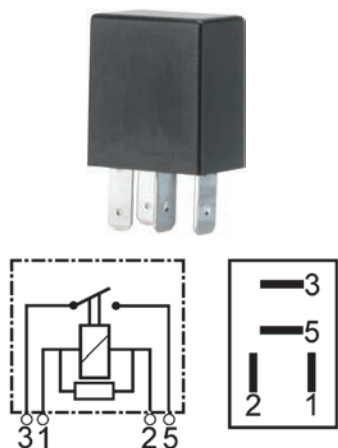
160363 Micro Relay
12 V, 25 A, **Terminals** 4, **Bracket** w/o

Pkg. 10



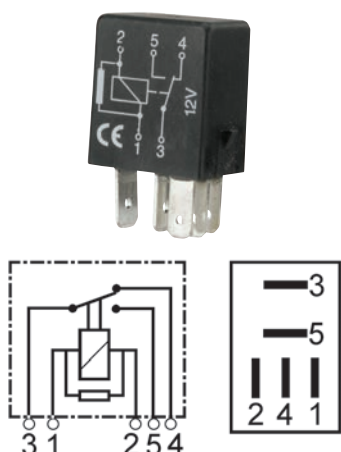
160364 Micro Relay
12 V, 25 A, **Terminals** 4, **Bracket** w/o,
Diode w/

Pkg. 10



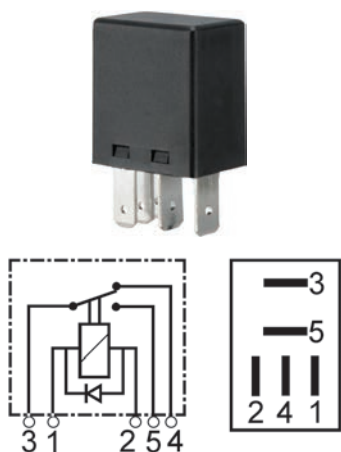
160918 Micro Relay
12 V, 25 A, **Terminals** 4, **Bracket** w/o,
Resistor w/

Pkg. 10



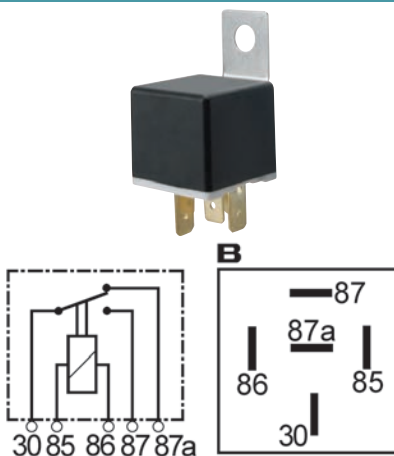
160919 Micro Relay
12 V, 20/10 A, **Terminals** 5,
Bracket w/o, **Resistor** w/

Pkg. 10



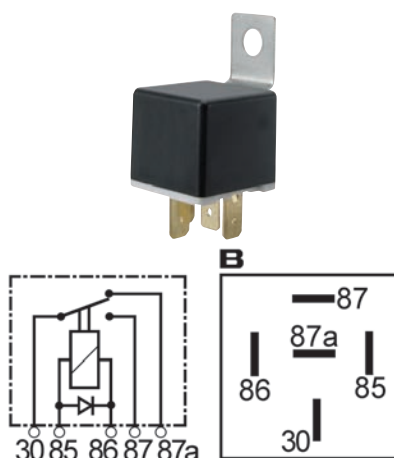
160920 Micro Relay
12 V, 20/10 A, **Terminals** 5,
Bracket w/o, **Diode** w/

Change Over - 12V



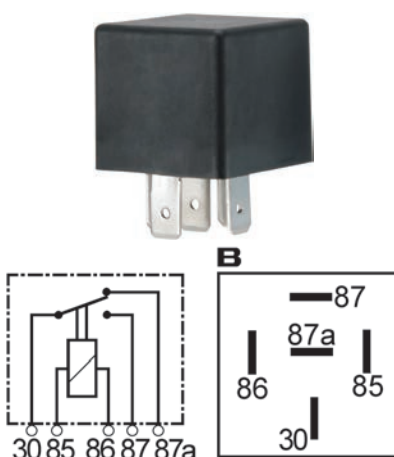
160081 Relay
12 V, 20/30 A, **Type** Change Over,
Terminals 5, **Bracket** w/

Pkg. 10



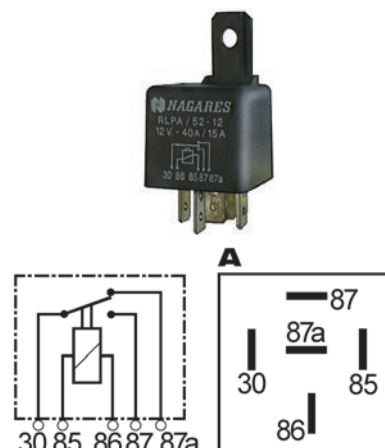
160270 Relay
12 V, 20/30 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Diode** w/

Pkg. 10



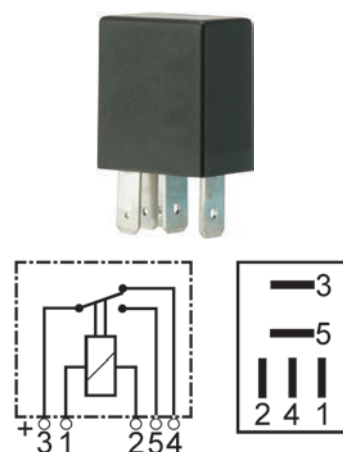
160308 Relay
12 V, 40/15 A, **Type** Change Over,
Terminals 5, **Bracket** w/o

Pkg. 10



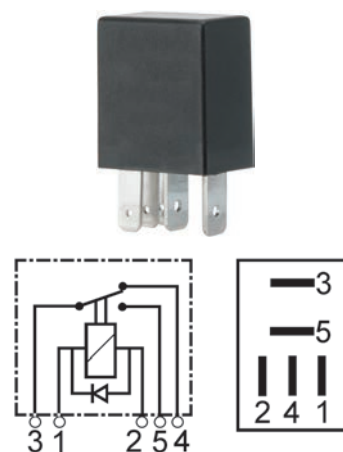
160316 Relay
12 V, 15/40 A, **Type** Change Over,
Terminals 5, **Bracket** w/

Pkg. 10



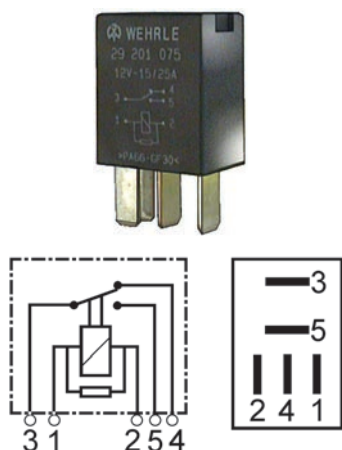
160365 Micro Relay
12 V, 10/20 A, **Type** Change Over,
Terminals 5, **Bracket** w/o

Pkg. 10



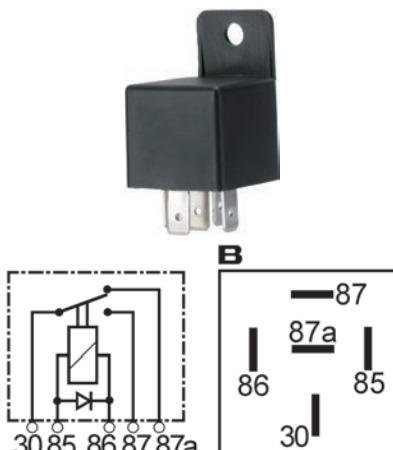
160366 Micro Relay
12 V, 15/25 A, **Type** Change Over,
Terminals 5, **Bracket** w/o, **Diode** w/

Pkg. 10

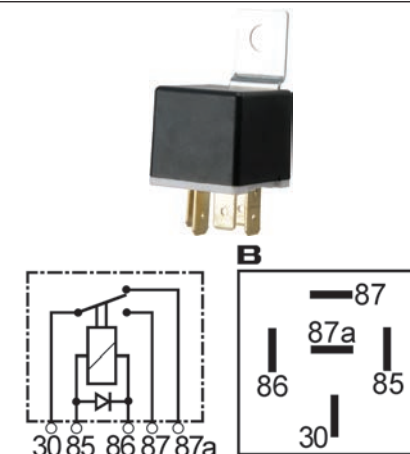


160367 Micro Relay
12 V, 15/25 A, **Type** Change Over,
Terminals 5, **Bracket** w/o, **Resistor** w/

Pkg. 10

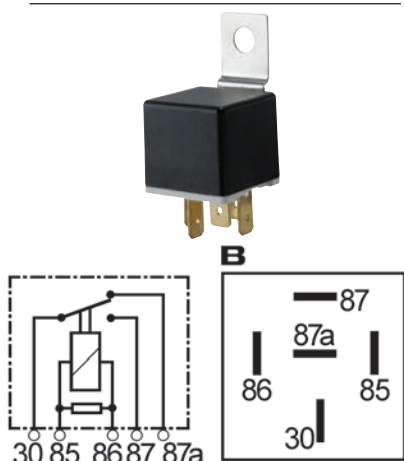


160942 Relay
12 V, 40/15 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Resistor** w/
diode

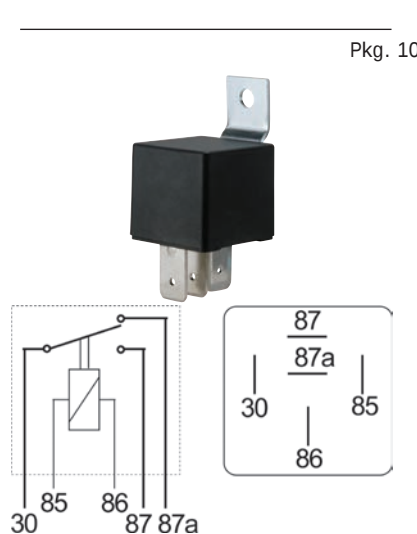


160271 Relay
24 V, 10/20 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Diode** w/

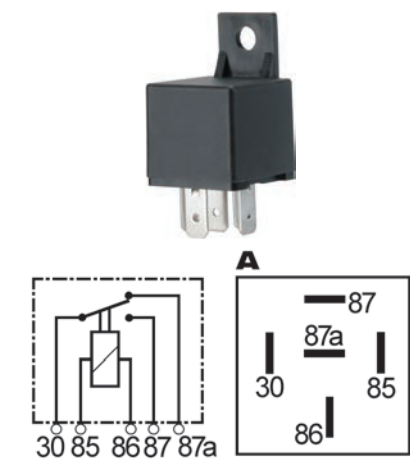
Pkg. 10



160403 Relay
12 V, 20/30 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Resistor** w/

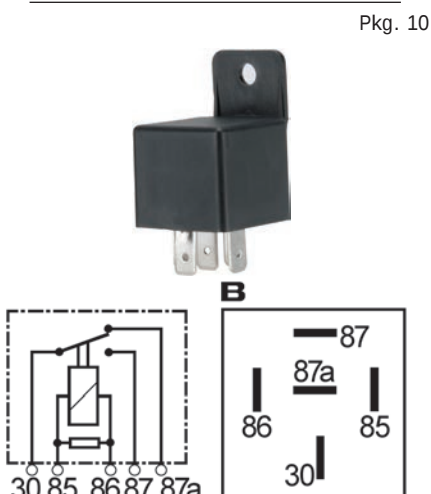


160974 Relay
12 V, 40/70 A, **Type** Change Over,
Terminals 5, **Bracket** w/

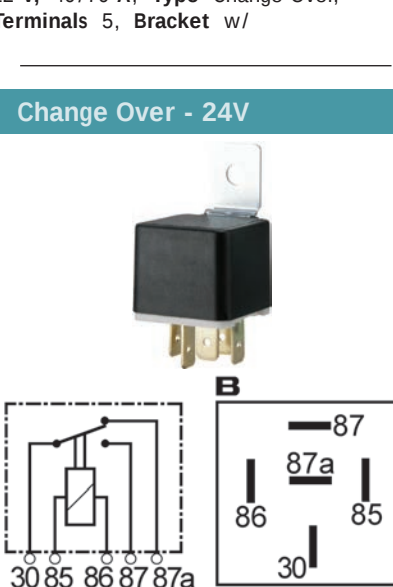


160317 Relay
24 V, 10/22 A, **Type** Change Over,
Terminals 5, **Bracket** w/

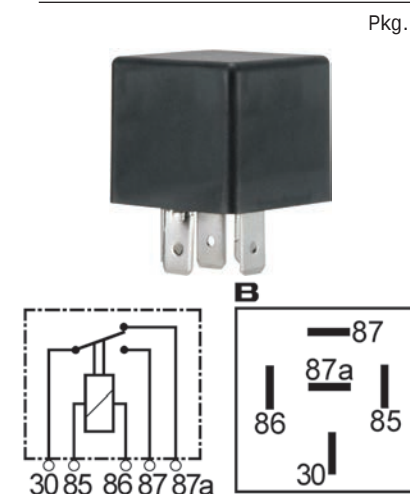
Pkg. 10



160932 Relay
12 V, 40/15 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Resistor** w/



160216 Relay
24 V, 10/20 A, **Type** Change Over,
Terminals 5, **Bracket** w/

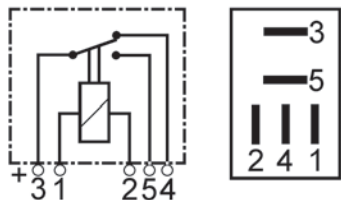


160337 Relay
24 V, 10/22 A, **Type** Change Over,
Terminals 5, **Bracket** w/o

Change Over - 24V



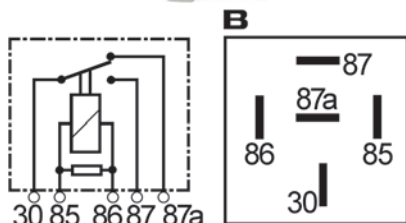
Pkg. 10



160368 Micro Relay
24 V, 4/10 A, **Type** Change Over,
Terminals 5, **Bracket** w/o



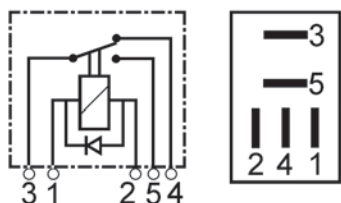
Pkg. 10



160394 Relay
Servicing: Mercedes, Iveco, Audi
24 V, 40/60 A, **Type** Change Over,
Terminals 5, **Bracket** w/o, **Resistor** w/



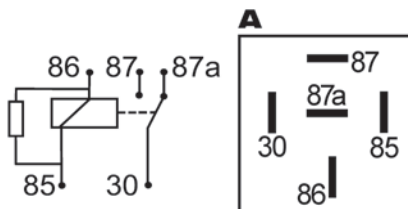
Pkg. 10



160521 Micro Relay
24 V, 5/10 A, **Type** Change Over,
Terminals 5, **Bracket** w/o, **Diode** w/



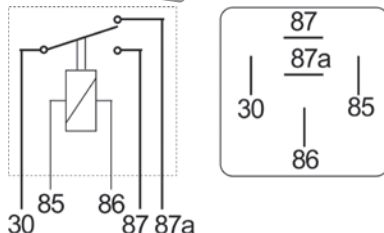
Pkg. 10



160944 Relay
24 V, 10/20 A, **Type** Change Over,
Terminals 5, **Bracket** w/, **Resistor** w/



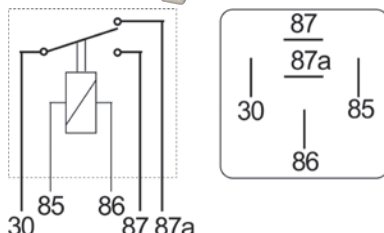
Pkg. 10



160976 Relay
24 V, 30/50 A, **Type** Change Over,
Terminals 5, **Bracket** w/o



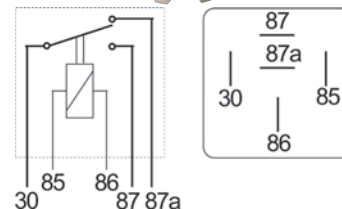
Pkg. 10



160980 Relay
24 V, 30/40 A, **Type** Change Over,
Terminals 5, **Bracket** w/

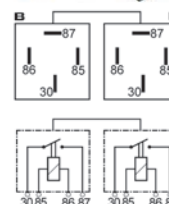
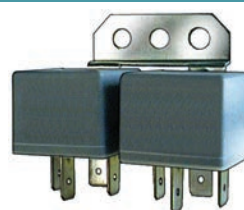


Pkg. 10



160981 Relay
24 V, 10/20 A, **Type** Change Over,
Terminals 5, **Bracket** w/

Twin

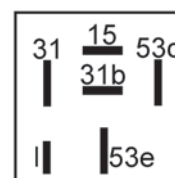


160267 Twin Relay
Servicing: VW
12 V, 2x30 A, **Terminals** 2x4, **Bracket** w/

Time Delay - 12V

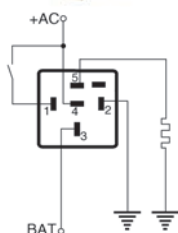


Pkg. 10

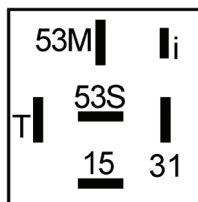


160297 Time Delay Relay
Servicing: Alfa Romeo, Opel, Audi, VW,
Renault, Citroen, Peugeot, Volvo, Seat, Saab,
Porsche, Skoda, Ford, Vauxhall, Alfa Romeo
12 V, **Delay time** 3.5, **Terminals** 6,
Bracket w/o
*For windshield wiper and washer. Also for
universal use.*

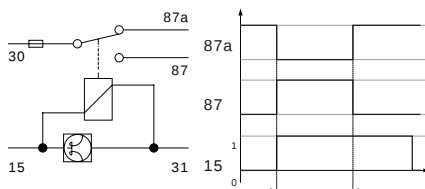
Pkg. 10



160570 Relay Time Delay
Servicing: Universal
 12 V, Delay time 10 min., Terminals 5,
 Bracket w/o

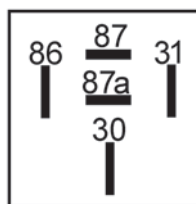


160749 Relay
Servicing: Audi, VW
 12 V, Terminals 6, Bracket w/o
 Washing/wiper unit w/ changeable
 intervals. 0.5 sec - 2 min.



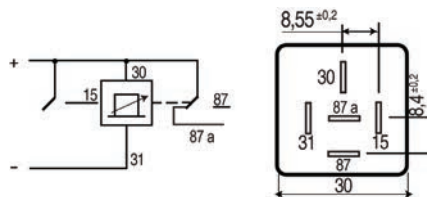
160992 Time Delay Relay
 12 V, 20 A, Type Delay off,
 Delay time 3.5 sec, Terminals 5,
 Bracket w/

Time Delay - 24V

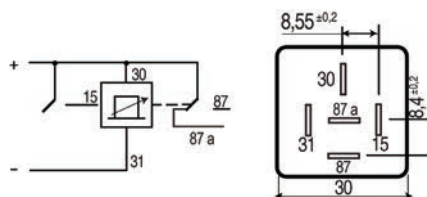


160466 Time Delay Relay
 24 V, Delay time 4 sec, Terminals 5,
 Bracket w/o
 For A/C compressor, bus doors and time
 delayed motors.

Multitimer



160927 Multitimer Relay
 12 V, 10 A, Terminals 5, Bracket w/o
 0.5 sec.-6 hours.



160928 Multitimer Relay
 24 V, 10 A, Terminals 5, Bracket w/o,
 Fuse w/o, Resistor w/o
 0.5 sec.-6 hours.

Multi Plugs

Pkg. 10



190766 Relay Multiplug
Type Socket, **No./poles** 9, **Plug** Female
 Sockets can be built together. 5x6.3 mm
 flat plug terminals. 4x2.8 mm flat plug
 terminals.

Pkg. 10



190767 Relay Multiplug
Type Socket, **Type/terminal** Flat,
No./poles 5
 6.3 mm.

Pkg. 10



191026 Relay Multiplug
Type Socket, **No./poles** 9
 Sockets can be built together. 2x9.5 mm
 flat plug terminals. 3x6.3 mm flat plug
 terminals. 4x2.8 mm flat plug terminals.

Pkg. 10



191752 Relay Multiplug
Type Socket, **No./poles** 5
 Sockets can be built together. 2x6.3 mm
 flat plug terminals. 3x4.7 mm flat plug
 terminals.



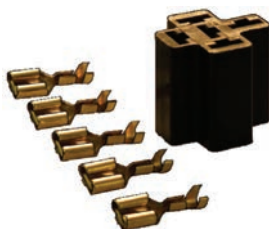
Pkg. 10

192761 Relay Multiplug
Type Socket, **Type/terminal** Flat,
No./poles 5
 6.3 mm. For PCB mounting.

Kits



192158 Relay Multiplug Kit
Contents: 1x Cargo 190766, 5x Cargo
 190252, 4x Cargo 191083.



192159 Relay Multiplug Kit
Content: 1x Cargo 190767, 5x Cargo 190252.



192160 Relay Multiplug Kit
Contents: 1x Cargo 191026, 2x Cargo
 191025, 3x Cargo 190252, 4x Cargo 191083.



192161 Relay Multiplug Kit
Content: 1x Cargo 191752, 2x Cargo 190252,
 3x Cargo 191089.

Boxes



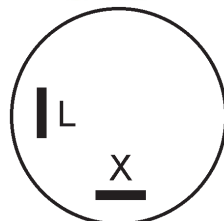
191410 Relay Box
Regulator type Standard,
Colour Transparent, **Capacity** 4,
Assembling Yes, **Terminals** w/, **Lock** w/
 Can be assembled in rows (terminals: Cargo
 190252 or 191029).



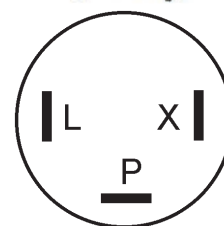
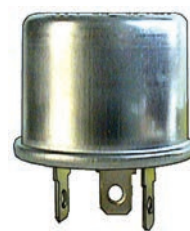
191818 Relay Box
Regulator type Micro,
Colour Transparent, **Capacity** 7,
Assembling Yes, **Terminals** w/, **Lock** w/
 Can be assembled in rows (terminals: Cargo
 190252 or 191029).

Flasher Units - 12V

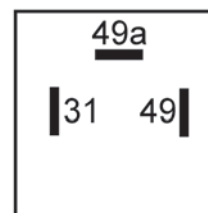
Pkg. 10



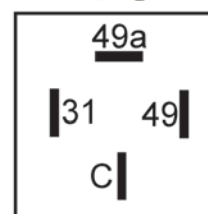
160115 Flasher Unit
 12 V, 138 W, **Terminals** 2



160116 Flasher Unit
 12 V, 138 W, **Terminals** 3

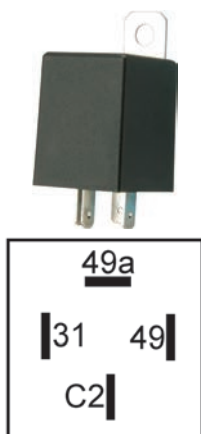


160242 Flasher Unit
Servicing: Alfa Romeo, Audi, Bedford, Ford,
 Nissan, Opel, Toyota
 12 V, 2/4x21 W, **Terminals** 3,
Bracket w/



160243 Flasher Unit
Servicing: Alfa Romeo, Audi, Austin, BMW,
 Citroen, Fiat, Ford, Honda, Iveco, Lada,
 Lancia, Mercedes-Benz, Opel, Peugeot,
 Porsche
 12 V, 2/4x21 W, **Terminals** 4,
Bracket w/

Pkg. 10



160244 Flasher Unit

Servicing: Audi, Austin, BMW, Citroen, Daihatsu, Fiat, Ford, Honda, Lada, Lancia, Lexus, Mazda, Mercedes-Benz, Mitsubishi, Nissan

12 V, 2+1/6x21 W, Terminals 4,

Bracket w/

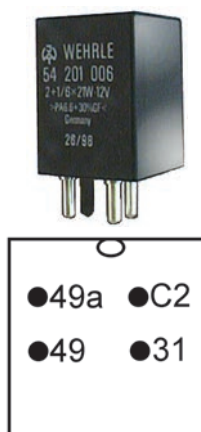
For vehicles w/ towbars.



160263 Flasher Unit

12 V, 2+1+1/8x21 W, Terminals 6,

Bracket w/



160305 Flasher Unit

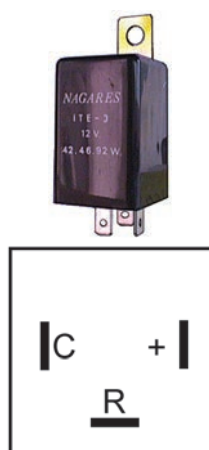
Servicing: Mercedes-Benz

12 V, 2+1/6x21 W, Terminals 4,

Bracket w/o

For vehicles w/ towbars.

Pkg. 10

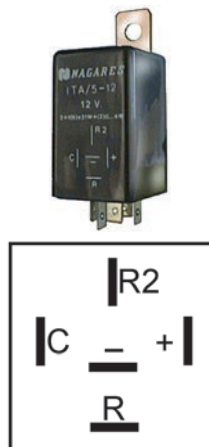


160312 Flasher Unit

12 V, 2/4x21 W, Terminals 3,

Bracket w/

Interchangeable w/ all 4 terminal device (+, -, C, R). for SAE standard vehicles (France, Italy, USA, Spain).



160314 Flasher Unit

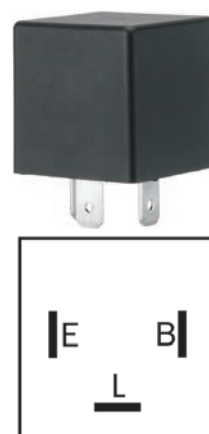
Servicing: Alfa Romero, Renault, Fiat, Lancia, Lada, Alfa Romeo, BMW, Fiat, Lada, Lancia, Renault

12 V, 2+1/6x21 W, Terminals 5,

Bracket w/

For vehicles w/ towbars. For SAE standard vehicles (France, Italy, USA, Spain).

Pkg. 10



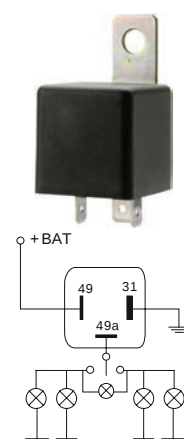
160315 Flasher Unit

Servicing: Japanere

12 V, 2/4x21 W, Terminals 3,

Bracket w/o

Pkg. 10



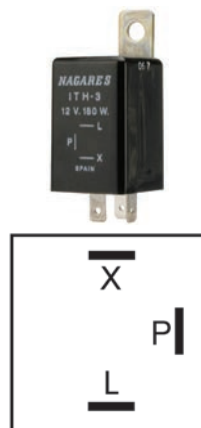
160318 Flasher Unit

12 V, 3/92 W, Plug type Flat,

Terminals 3, Bracket w/

Universal.

Pkg. 10



160341 Flasher Unit

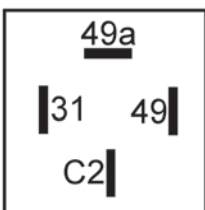
Servicing: Alfa Romeo, Audi, Austin, BMW, Citroen, Fiat, Ford, Honda, Lada, Mercedes-Benz, Opel, Peugeot, Porsche

12 V, 16 A, 180 W, Terminals 3,

Bracket w/



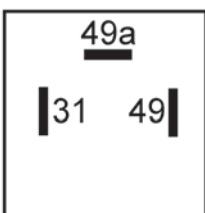
Pkg. 10



160402 Flasher Unit
12 V, 2+1/6x21 W, Height 30 mm,
Terminals 4+2 in top, Bracket w/o
For vehicles w/ towbars.



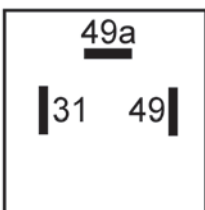
Pkg. 10



160474 Flasher Unit
12 V, 2/4x21 W, Height 30 mm,
Terminals 3, Bracket w/o



Pkg. 10

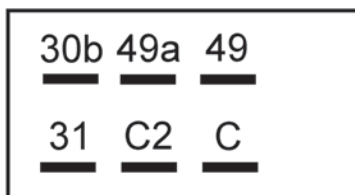


160475 Flasher Unit
12 V, 2+1/6x21 W, Terminals 3+2 in top,
Bracket w/o
For vehicles w/ towbars.

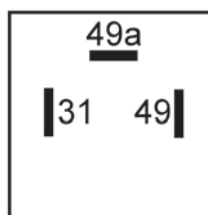


160791 Flasher Unit
Servicing: BMW, Saab
12 V, Terminals 7, Bracket w/o

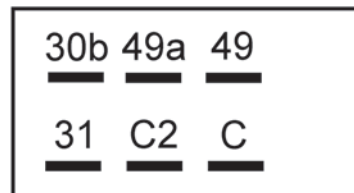
Flasher Units - 24V



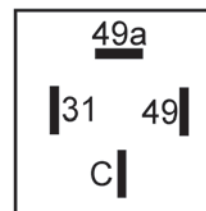
160199 Flasher Unit
Servicing: Mazda, Volvo
24 V, 3+1/8x21 W, Terminals 6,
Bracket w/



160261 Flasher Unit
Servicing: Mercedes-Benz
24 V, 2/4x21 W, Terminals 3,
Bracket w/



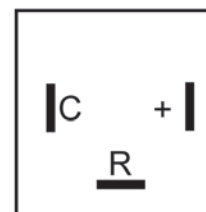
160262 Flasher Unit
24 V, 2+1/6x21 W, Terminals 6,
Bracket w/



160296 Flasher Unit
24 V, 2/4x21 W, Terminals 4,
Bracket w/



Pkg. 10



160313 Flasher Unit
24 V, 2/4x21 W, Terminals 3,
Bracket w/
Interchangeable w/ all 4 terminal device (+,
-, C, R). for SAE standard vehicles (France,
Italy, USA, Spain).

Pkg. 10



160716 Flasher Unit
24 V, 500 W, Plug type Flat,
Terminals 3, Bracket w/

Flasher Units - 12V

w/LED

Pkg. 10



160948 Flasher Unit
12 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 3,
Bracket w/o



Pkg. 10



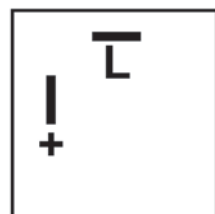
160949 Flasher Unit
12 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 3,
Bracket w/o



Pkg. 10



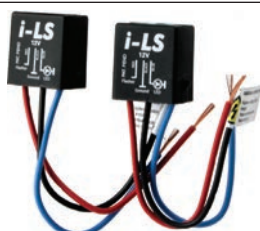
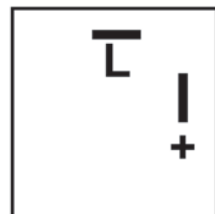
160950 Flasher Unit
12 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 2,
Bracket w/o



Pkg. 10



160951 Flasher Unit
12 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 2,
Bracket w/o



160954 i-LS sensor
12 V, Height 26 mm, Terminals 3,
Bracket w/o
*In combination w/ an I-LS flasher unit, the
I-LS sensor secures the legal requirements
of »lamp failure warning«.*

160956 Flasher Unit i-LS

Servicing: Vehicles w/ 2 LED lamps on front
or rear

12 V, Terminals 3, Bracket w/
*In combination w/ an I-LS sensor, the I-LS
flasher relay secures the legal requirements
of »lamp failure warning« by installed LED
lamps.*



160957 Flasher Unit i-LS

Servicing: Vehicles w/ trailer, w/ 2 LED
lamps

12 V, Terminals 4, Bracket w/
*In combination w/ an I-LS sensor, the I-LS
flasher relay secures the legal requirements
of »lamp failure warning« by installed LED
lamps.*



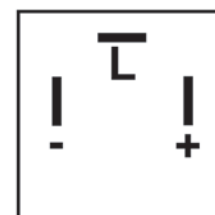
Flasher Units - 24V

w/LED

Pkg. 10



160952 Flasher Unit
24 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 3,
Bracket w/o

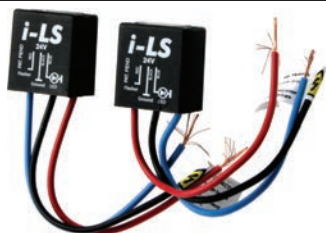




Pkg. 10



160953 Flasher Unit
24 V, 0.1-150 W, Height 30 mm,
Plug type Flat, Terminals 3,
Bracket w/o



160955 i-LS Sensor
24 V
In combination w/ an i-LS flasher unit, the
i-LS sensor secures the legal requirements
of »lamp failure warning«.



160958 Flasher Unit i-LS
Servicing: Vehicles w/ 2 LED lamps on front
or rear
24 V, Terminals 3, Bracket w/
In combination w/ an i-LS sensor, the i-LS
flasher relay secures the legal requirements of
»lamp failure warning« by installed LED lamps.



160959 Flasher Unit i-LS
Servicing: Vehicles w/ trailer, w/ 2 LED lamps
24 V, Terminals 4, Bracket w/
In combination w/ an i-LS sensor, the i-LS
flasher relay secures the legal requirements of
»lamp failure warning« by installed LED lamps.

Battery Terminals

Brass Casting

25-35 mm²

Pkg. 25



192368 Battery Terminal
Cable size/max 35 mm²,
Cable size/min 25 mm²,
Material Moulded brass, Polarity Positive

Pkg. 25



192369 Battery Terminal
Cable size/max 35 mm²,
Cable size/min 25 mm²,
Material Moulded brass, Polarity Negative

w/10 mm Bolt

Pkg. 25



192400 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Positive

Pkg. 25



192401 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Negative

w/M10 Bolt and Wing Nut

Pkg. 25



192402 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Positive
w/ wing nut.

Pkg. 25



192403 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Negative
w/ wing nut.

25 mm²

Pkg. 25



192163 Battery Terminal
ID 19 mm, Cable size/max 25 mm²,
Material Moulded brass, Polarity Positive

Pkg. 25



192164 Battery Terminal
ID 17 mm, Cable size/max 25 mm²,
Material Moulded brass, Polarity Negative

w/Switch



192493 Battery Terminal
Solenoid w/, **Material** Moulded brass,
Polarity Negative, **Cable w/fuse** Yes

25-35 mm²

Tin Plated



Pkg. 25

190012 Battery Terminal
Cable size/max 35 mm²,
Cable size/min 25 mm²,
Material Moulded brass,
Cable connection 8 mm bolt,
Polarity Positive, **Tin plated** Yes

Pkg. 25



190013 Battery Terminal
Cable size/max 35 mm²,
Cable size/min 25 mm²,
Material Moulded brass,
Cable connection 8 mm bolt,
Polarity Negative, **Tin plated** Yes

35-95 mm²

Tin Plated



Pkg. 20

191166 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm², **Material** Moulded
brass, **Polarity** Positive, **Tin plated** Yes

Pkg. 20



191167 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm², **Material** Moulded
brass, **Polarity** Negative, **Tin plated** Yes

Pkg. 20



193000 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm²,
Material Moulded brass, **Polarity** Positive,
Tin plated Yes
Heavy duty.

Pkg. 20



193001 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm²,
Material Moulded brass,
Polarity Negative, **Tin plated** Yes
Heavy duty.

35 mm²

Tin Plated



Pkg. 25

191244 Battery Terminal
Cable size/max 35 mm²,
Material Moulded brass, **Polarity** Positive,
Tin plated Yes

Pkg. 25



191245 Battery Terminal
Cable size/max 35 mm²,
Material Moulded brass,
Polarity Negative, **Tin plated** Yes

50 mm²

Tin Plated



Pkg. 25

190202 Battery Terminal
Cable size/max 50 mm²,
Material Moulded brass, **Polarity** Positive,
Tin plated Yes



Pkg. 25

190203 Battery Terminal
Cable size/max 50 mm²,
Material Moulded brass,
Polarity Negative, **Tin plated** Yes

70 mm²

Tin Plated



Pkg. 20

191989 Battery Terminal
Cable size/max 70 mm²,
Material Moulded brass, **Polarity** Positive,
Tin plated Yes



Pkg. 20

191990 Battery Terminal
Cable size/max 70 mm²,
Material Moulded brass,
Polarity Negative, **Tin plated** Yes



193166 Battery Terminal +
Cable size/max 70 mm²,
Material Moulded brass, **Polarity** Positive,
No./connections 2, **Tin plated** Yes



193167 Battery Terminal -
Cable size/max 70 mm²,
Material Moulded brass,
Polarity Negative, **No./connections** 2,
Tin plated Yes

w/10 mm Bolt

Tin Plated



Pkg. 25

190213 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Positive, **Tin plated** Yes



Pkg. 25

190214 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Negative, **Tin plated** Yes

35-95 mm²

Tin Plated w/Double Screw

Pkg. 15



190866 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm²,
Material Moulded brass,
Cable connection Dual, **Polarity** Positive,
Tin plated Yes
w/ double screws and screw for AUX.



Pkg. 15

190867 Battery Terminal
Cable size/max 95 mm²,
Cable size/min 35 mm²,
Material Moulded brass,
Polarity Negative, **Tin plated** Yes
w/ double screws and screw for AUX.

w/M10 Bolt and Wing Nut

Tin Plated

Pkg. 20



191133 Battery Terminal
Material Moulded brass,
Cable connection 10 mm bolt,
Polarity Positive, **Tin plated** Yes
w/ wing nut.



Pkg. 20

191134 Battery Terminal

Material Moulded brass,
Cable connection 8 mm bolt,
Polarity Negative, **Tin plated** Yes
w/ wing nut.

Tin Plated



Pkg. 25

190211 Battery Terminal

Servicing: Fiat, Mazda, Suzuki, Nissan
Material Moulded brass, **Polarity** Positive,
Tin plated Yes



Pkg. 25

190212 Battery Terminal

Servicing: Fiat, Mazda, Suzuki, Nissan
Material Moulded brass,
Polarity Negative, **Tin plated** Yes

Accessories



Pkg. 100

190215 Nut & Bolt

Collar length 38 mm, **Thread size** M8



Pkg. 10

192681 Terminal Cover

Length 52 mm, **Colour** Red,
Material PVC



Pkg. 10

192682 Terminal Cover

Length 52 mm, **Colour** Black,
Material PVC



Pkg. 10

192888 Terminal Cover Right +

Length 52 mm, **Colour** Red,
Material PVC



Pkg. 10

192889 Terminal Cover Left -

Length 52 mm, **Colour** Black,
Material PVC



Pkg. 10

192890 Terminal Cover Left -

Length 52 mm, **Colour** Red,
Material PVC



Pkg. 10

192891 Terminal Cover Right -

Length 52 mm, **Colour** Black,
Material PVC

Formpressed

25-40 mm²


191820 Battery Terminal

ID 19 mm, **Cable size/max** 40 mm²,
Cable size/min 25 mm²,
Material Compressed, **Polarity** Positive,
No./connections 2,
Terminal: Cargo 191822, -827.

3 Terminal Outlets



191821 Battery Terminal

ID 19 mm, **Material** Compressed,
Polarity Positive, **No./connections** 3,
Terminal: Cargo 191822, -829.



192234 Battery Terminal
ID 17 mm, **Material** Compressed,
Polarity Negative, **No./connections** 3,
Terminal: Cargo 191822, -829.

10-20 mm²

17 mm

Pkg. 10



192074 Battery Terminal
ID 17 mm, **Cable size/max** 20 mm²,
Cable size/min 10 mm²,
Material Compressed, **Polarity** Negative

25-35 mm²

17 mm

Pkg. 10



192075 Battery Terminal
ID 17 mm, **Cable size/max** 35 mm²,
Cable size/min 25 mm²,
Material Compressed, **Polarity** Negative

Pkg. 10



192076 Battery Terminal
ID 17 mm, **Cable size/max** 35 mm²,
Cable size/min 25 mm²,
Material Compressed, **Polarity** Positive
For M8 stud connection.

For French Applications

Pkg. 5



190253 Battery Terminal
ID 19 mm, **Colour** Red,
Material Compressed, **Polarity** Positive
For french applications.

Pkg. 5



190254 Battery Terminal
ID 17 mm, **Colour** Green,
Material Compressed, **Polarity** Negative
For french applications.

Leads and Earth Straps

Pkg. 10



190218 Battery Connection Cable
Angled 90°, **Length** 300 mm,
Cable size/max 35 mm², **Type no.** 2612,
No./wires 1008/0.2

Pkg. 10



190220 Earth Strap
110 A, **Length** 200 mm,
Cable size/max 22 mm², **Type no.** 308,
No./wires 432/0.26

Pkg. 10



190221 Earth Strap
110 A, **Length** 250 mm,
Cable size/max 22 mm², **Type no.** 310,
No./wires 432/0.26

Pkg. 10



190222 Earth Strap
110 A, **Length** 300 mm,
Cable size/max 22 mm², **Type no.** 312,
No./wires 432/0.26

Pkg. 10



190223 Earth Strap
110 A, **Length** 350 mm,
Cable size/max 22 mm², **Type no.** 314,
No./wires 432/0.26

Pkg. 10



190224 Earth Strap
110 A, **Length** 400 mm,
Cable size/max 22 mm², **Type no.** 316,
No./wires 432/0.26

Pkg. 10



190225 Earth Strap
110 A, Length 400 mm,
Cable size/max 22 mm², Type no. 318,
No./wires 432/0.26

Pkg. 10



190226 Earth Strap
110 A, Length 500 mm,
Cable size/max 22 mm², Type no. 320,
No./wires 432/0.26

Pkg. 10



190228 Earth Strap
82 A, Length 200 mm,
Cable size/max 16 mm², Type no. 408,
No./wires 228/0.25

Pkg. 10



190229 Earth Strap
82 A, Length 250 mm,
Cable size/max 16 mm², Type no. 410,
No./wires 228/0.25

Pkg. 10



190230 Earth Strap
82 A, Length 350 mm,
Cable size/max 16 mm², Type no. 414,
No./wires 228/0.25

Pkg. 10



190231 Earth Strap
82 A, Length 400 mm,
Cable size/max 16 mm², Type no. 418,
No./wires 228/0.25

Pkg. 10



190232 Earth Strap
82 A, Length 450 mm,
Cable size/max 16 mm², Type no. 418,
No./wires 228/0.25

Pkg. 10



190235 Starter Cable
Length 300 mm, Cable size/max 25 mm²,
Type no. 510, No./wires 742/0.2

Pkg. 10



190237 Starter Cable
Length 500 mm, Cable size/max 25 mm²,
Type no. 520, No./wires 742/0.2

Pkg. 10



190239 Starter Cable
Length 700 mm, Cable size/max 25 mm²,
Type no. 528, No./wires 742/0.2

Pkg. 10



190242 Starter Cable
Length 1000 mm,
Cable size/max 25 mm², Type no. 540,
No./wires 742/0.2

Pkg. 10

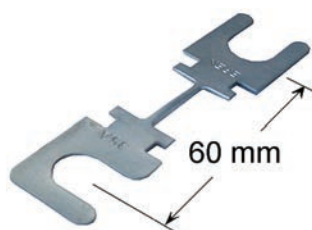


191679 Battery Connection Cable
Angled 90°, Length 300 mm,
Cable size/max 50 mm², Type no. 2712,
No./wires 378/0.41

Fuses

Strip

Pkg. 10

**192305** Strip Fuse

36 V, 35 A, **Lever dim.** 11 mm,
Mount. dist. 60 mm, **Length** 82 mm,
Type Plate, **DIN no.** 43560
Big size.

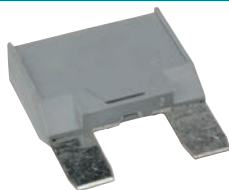
Circuit Breakers

ATO Blade Fuse Type



192936	5 A
192937	7.5 A
192938	10 A
192939	15 A
192940	20 A
192941	25 A
192999	30 A

Maxi Blade Fuse Type



192942	10 A
192943	15 A
192944	20 A
192945	25 A
192946	30 A
192947	35 A
192948	40 A
192949	50 A

Relay & Switches

Circuit Breakers

Panel Mount Type

**192953** Circuit Breaker

Servicing: Motors, transformers, extra low voltage systems, household and office machines, instrumentation, marine applications

Multi V, 2.5 A, **Length** 66 mm,
Type Panel mounted, **Plug type** Flat
Switch/thermal circuit breaker w/ reset
actuation mechanism. Designed for snap-in
panel mounting utilising round hole or
industry standard fuse holder cut dimension.
AC 250 V, DC 28 V.

**192954** Circuit Breaker

Servicing: Motors, transformers, extra low voltage systems, household and office machines, instrumentation, marine applications

Multi V, 5 A, **Length** 66 mm,
Type Thermo contact, **Plug type** Flat
Switch/thermal circuit breaker w/ reset
actuation mechanism. Designed for snap-in
panel mounting utilising round hole or
industry standard fuse holder cut dimension.
AC 250 V, DC 28 V.

**192955** Circuit Breaker

Servicing: Motors, transformers, extra low voltage systems, household and office machines, instrumentation, marine applications

Multi V, 7 A, **Length** 66 mm,
Type Thermo contact, **Plug type** Flat
Switch/thermal circuit breaker w/ reset
actuation mechanism. Designed for snap-in
panel mounting utilising round hole or
industry standard fuse holder cut dimension.
AC 250 V, DC 28 V.

**192956** Circuit Breaker

Servicing: Motors, transformers, extra low voltage systems, household and office machines, instrumentation, marine applications

Multi V, 10 A, **Length** 66 mm,
Type Thermo contact, **Plug type** Flat
Switch/thermal circuit breaker w/ reset
actuation mechanism. Designed for snap-in
panel mounting utilising round hole or
industry standard fuse holder cut dimension.
AC 250 V, DC 28 V.

**192957** Circuit Breaker

Servicing: Motors, transformers, extra low voltage systems, household and office machines, instrumentation, marine applications

Multi V, 15 A, **Length** 66 mm,
Type Thermo contact, **Plug type** Flat
Switch/thermal circuit breaker w/ reset
actuation mechanism. Designed for snap-in
panel mounting utilising round hole or
industry standard fuse holder cut dimension.
AC 250 V, DC 28 V.

**192959** Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems

Multi V, 5 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel
mounting. Mounting hole 9.6 mm.



192960 Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems
Multi V, 7 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



192961 Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems
Multi V, 10 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



192962 Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems
Multi V, 15 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



192963 Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems
Multi V, 20 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



192964 Circuit Breaker

Servicing: Motors, transformers, battery chargers, machinery, extra low voltage systems
Multi V, 25 A, **Length** 79.4 mm,
Type Thermo contact, **Plug type** Flat
Circuit breaker w/ thread neck for panel mounting. Mounting hole 9.6 mm.



192966 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 2.5 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.



192967 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 5 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.



192968 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 8 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.



192969 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 10 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.



192970 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 15 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.



192971 Circuit Breaker

Servicing: Motor protection, transformer protection, household appliances and office equipment, electrical tools, mobile homes
Multi V, 20 A, **Type** Thermo contact, **Plug type** Flat
IP66, LED illuminated. Panel hole 36.8x21.1 mm. Optional rocker colour.

Accessories

Pkg. 5



192958 Water Splash Cover

Servicing: Cargo 192953, -192957
OD 20.5 mm, **Length** 17.8 mm,
Colour Transparent, **Material** Rubber
IP64.



Pkg. 5

192965 Splash Proof Cover
Servicing: Cargo 192959, 192964



Pkg. 5

192972 Blue Cover
Servicing: Cargo 192966, 192971
Colour Blue
For circuit breaker.



Pkg. 5

192973 Black Cover
Servicing: Cargo 192966, 192971
Colour Black
For circuit breaker.



Pkg. 5

192974 Green Cover
Servicing: Cargo 192966, 192971
Colour Green
For circuit breaker.

Switches

Push Button

Spare Parts

Pkg. 10



181272 Rubber Boot
Servicing: Cargo 180049, 180040, 180215
Moulded.

Ignition/Light



180045 Ignition/Light Switch
Mount. hole size 26.5 mm,
Switch combination Parkinglight-off-
ignition-sidelight-DRL, No./keys 2,
Terminals 6
Spare key: Cargo 180341.



180324 Ignition/Light Switch
Mount. hole size 26.5 mm,
Switch combination Parkinglight-off-
ignition-sidelight-DRL, No./keys 2,
Terminals 7
Spare key: Cargo 180341.

Diesel Starter



180044 Ignition Switch
Servicing: Deutz, IH
Mount. hole size 26.5 mm,
Switch combination Parking light-off-
ignition-glow-start, Protection degree IP 63,
Terminals 10, DIN norm 40050
Supplied w/ 2 keys. Spare key: Cargo
180340. Multiplug: Cargo 181595, 181596.



181235 Ignition Switch
Servicing: Massey Ferguson
Mount. hole size 16 mm,
Switch combination Off-ignition-
glow-start, Positions 4, No./keys 2,
Terminals 6
Spare key: Cargo 181465.



181236 Ignition Switch
Servicing: Massey Ferguson
Mount. hole size 16 mm,
Switch combination Off-Ignition-start,
Positions 4, No./keys 2, Terminals 4
Spare key: Cargo 181465.



181237 Ignition Switch
Servicing: Massey Ferguson
Mount. hole size 16 mm,
Switch combination Off-aux-ignition-
glow-start, Positions 5, No./keys 2,
Terminals 7
Spare key: Cargo 181465.



181598 Rubber Boot
Servicing: Cargo 180044

Ignition Starter



180027 Ignition Starter Switch
Mount. hole size 18.5 mm,
Switch combination Off-Start,
No./keys 2, Terminals 5
Spare key: Cargo 180339. Multiplug: Cargo 181597.



180041 Ignition Starter Switch
Mount. hole size 26.5 mm,
Switch combination Parking light-off-start,
Protection degree IP 63, No./keys 2,
Terminals 7, DIN norm 40050
Spare key: Cargo 180340.



180043 Ignition Starter Switch
Mount. hole size 18.5 mm,
Switch combination Off-aux-ignition-start,
No./keys 2, Terminals 4
Spare key: Cargo 180339.



181518 Ignition Starter Switch
Mount. hole size 22.5 mm,
Switch combination Off-Ignition-start,
Positions 1 (start), No./keys 2,
Terminals 5
Spare key: Cargo 180339.

Spare Keys

Pkg. 10



180339 Spare Key
Servicing: Cargo 180025, 180027, 180043

Pkg. 10



180340 Spare Key
Servicing: Cargo 180041, 180044

Pkg. 10



180341 Spare Key
Servicing: Cargo 180045, 180324



181465 Spare Key
Servicing: Cargo 181235, 181236, 181237
Material Metal

Pkg. 10

Cable & Wiring

Charging Clips

Pkg. 5



192196 Charging Clips
275 A, Cable dim. 16 mm², Colour Red,
Material Moulded brass

Pkg. 5



192197 Charging Clips
275 A, Cable dim. 16 mm²,
Colour Black, Material Moulded brass

Pkg. 5



192293 Charging Clips
420 A, Cable dim. 35-50 mm²,
Colour Red
Lenght: 210 mm.



Pkg. 5

192294 Charging Clips
420 A, **Cable dim.** 35-50 mm²,
Colour Black
Lenght: 210 mm.



Pkg. 5

192389 Charging Clips
320 A, **Cable dim.** 25 mm²,
Colour Black, **Material** Moulded brass



192904 Charging Clips
1200 A, **Cable dim.** 25-50 mm²,
Colour Black, **Material** Brass,
Fully insulated No, **Braided link** w/o

Fully Insulated

Pkg. 5



Pkg. 5

192386 Charging Clips
275 A, **Cable dim.** 16 mm², **Colour** Red,
Material Moulded brass



Pkg. 5

192390 Charging Clips
420 A, **Cable dim.** 50 mm², **Colour** Red,
Material Moulded brass



192204 Charging Clips
600 A, **Cable dim.** 25-50 mm²,
Colour Red, **Fully insulated** Yes,
Braided link w/

Pkg. 5



Pkg. 5

192387 Charging Clips
275 A, **Cable dim.** 16 mm²,
Colour Black, **Material** Moulded brass



Pkg. 5

192391 Charging Clips
420 A, **Cable dim.** 50 mm²,
Colour Black, **Material** Moulded brass



192205 Charging Clips
600 A, **Cable dim.** 25-50 mm²,
Colour Black, **Fully insulated** Yes,
Braided link w/

Pkg. 5



Pkg. 5

192388 Charging Clips
320 A, **Cable dim.** 25 mm², **Colour** Red,
Material Moulded brass



192903 Charging Clips
1200 A, **Cable dim.** 25-50 mm²,
Colour Red, **Material** Brass,
Fully insulated No, **Braided link** w/o



192398 Charging Clips
600 A, **Cable dim.** 50 mm², **Colour** Red,
Fully insulated Yes, **Braided link** w/



Pkg. 5

192399 Charging Clips
600 A, Cable dim. 50 mm², Colour Black,
Fully insulated Yes, Braided link w/



Pkg. 5

192559 Charging Clips 500A
500 A, Cable dim. 25-50 mm²,
Colour Red, Material Moulded brass,
Fully insulated Yes
Ergonomic.



Pkg. 5

192560 Charging Clips 500A
500 A, Cable dim. 25-50 mm²,
Colour Black, Material Moulded brass,
Fully insulated Yes
Ergonomic.

Cables

Booster

Brass Charging Clips



192209 Booster Cables
230 A, Conductor dim. 1 25 mm²,
Conductor dim. 2 770/0.2 mm,
Length 3.5 m, Colour Red/black,
Material Moulded brass, No./wires 2,
BS-approved BS638



192210 Booster Cables
290 A, Conductor dim. 1 35 mm²,
Conductor dim. 2 1083/0.2 mm,
Length 3.5 m, Colour Red/black,
Material Moulded brass, No./wires 2,
BS-approved BS638



Pkg. 2

192211 Booster Cables
370 A, Conductor dim. 1 50 mm²,
Conductor dim. 2 1558/0.2 mm,
Length 3.5 m, Colour Red/black,
Material Moulded brass, No./wires 2,
BS-approved BS638



Pkg. 2

192212 Booster Cables
370 A, Conductor dim. 1 50 mm²,
Conductor dim. 2 1558/0.2 mm,
Length 5 m, Colour Red/black,
Material Moulded brass, No./wires 2,
BS-approved BS638



192295 Booster Cables
135 A, Conductor dim. 1 35 mm²,
Conductor dim. 2 265/0.41 mm,
Length 3.5 m, Colour Red/black,
Material Moulded brass, No./wires 2



192296 Booster Cables
160 A, Conductor dim. 1 50 mm²,
Conductor dim. 2 378/0.41 mm,
Length 5 m, Colour Red/black,
Material Moulded brass, No./wires 2



192844 Booster Cables
Conductor dim. 1 35 mm²,
Conductor dim. 2 1008/0.2 mm,
Length 5 m, Colour Red/black,
Material Moulded brass, No./wires 2,
BS-approved BS638

Fully Insulated Clips



192213 Booster Cables
290 A, Conductor dim. 1 35 mm²,
Conductor dim. 2 1083/0.2 mm,
Length 3.5 m, Colour Red/black,
No./wires 2, Insulated return,
Braided link w/, BS-approved BS638



192214 Booster Cables
370 A, Conductor dim. 1 50 mm²,
Conductor dim. 2 1558/0.2 mm,
Length 3.5 m, Colour Red/black,
No./wires 2, Insulated return,
Braided link w/, BS-approved BS638



192215 Booster Cables
370 A, **Conductor dim. 1** 50 mm²,
Conductor dim. 2 1558/0.2 mm,
Length 5 m, **Colour** Red/black,
No./wires 2, Insulated return,
Braided link w/, **BS-approved** BS638



192384 Booster Cables
290 A, **Conductor dim. 1** 35 mm²,
Conductor dim. 2 1083/0.2 mm,
Length 3.5 m, **Colour** Red/black,
No./wires 2, Insulated return,
Braided link w/, **DIN no.** 72553



192385 Booster Cables
370 A, **Conductor dim. 1** 50 mm²,
Conductor dim. 2 1558/0.2 mm,
Length 5 m, **Colour** Red/black,
No./wires 2, Insulated return,
Braided link w/, **DIN no.** 72553

Steel Clips



192206 Booster Cables
80 A, **Conductor dim. 1** 10 mm²,
Conductor dim. 2 79/0.4 mm,
Length 2.5 m, **Colour** Red/black,
Material Galvanised steel, **No./wires** 2



192207 Booster Cables
100 A, **Conductor dim. 1** 16 mm²,
Conductor dim. 2 126/0.4 mm,
Length 2.5 m, **Colour** Red/black,
Material Galvanised steel, **No./wires** 2



192208 Booster Cables
120 A, **Conductor dim. 1** 25 mm²,
Conductor dim. 2 188/0.4 mm,
Length 2.5 m, **Colour** Red/black,
Material Galvanised steel, **No./wires** 2

Clamps

Hose



Carbon steel, Alu/zinc
Width 10 mm
Spanner size 7 mm
Pkg. 50

	Min ID	Max ID
193027	8 mm	14 mm
193028	11 mm	17 mm
193029	13 mm	20 mm

Width 12 mm
Spanner size 7 mm
Pkg. 50

	Min ID	Max ID
193030	15 mm	24 mm
193031	19 mm	28 mm
193032	22 mm	32 mm
193033	26 mm	38 mm
193034	32 mm	44 mm
193035	38 mm	50 mm
193036	44 mm	56 mm
193037	50 mm	65 mm
193038	58 mm	75 mm
193039	68 mm	85 mm
193040	77 mm	95 mm
193041	87 mm	112 mm

Steel, Alu/zinc
Width 12 mm
Spanner size 7 mm
Pkg. 50

	Min ID	Max ID	Ref. no.
190160	15 mm	24 mm	25
190161	19 mm	28 mm	28
190162	22 mm	32 mm	32
190163	26 mm	38 mm	40
190164	32 mm	44 mm	45
190165	38 mm	50 mm	51
190166	44 mm	56 mm	56
190167	50 mm	65 mm	65
190168	58 mm	75 mm	75
190169	68 mm	85 mm	85
190170	77 mm	95 mm	96
190171	87 mm	112 mm	113
190172	104 mm	138 mm	139
191239	130 mm	165 mm	166

Width 9 mm
Spanner size 7 mm
Pkg. 50

	Min ID	Max ID	Ref. no.
190157	8 mm	14 mm	15
190158	11 mm	17 mm	17
190159	13 mm	20 mm	22

Mini



Steel, Alu/zinc
Width 9 mm
Spanner size 7 mm
Pkg. 50

	Min ID	Max ID	Ref. no.
190005	6 mm	8.3 mm	8
190006	7 mm	9.3 mm	9
190007	8 mm	10.3 mm	10
190008	9 mm	11.3 mm	10
190009	9 mm	12.3 mm	12
190010	10 mm	13.3 mm	13
190937	11 mm	14.3 mm	14
190938	12 mm	15.3 mm	15
191056	13 mm	16.3 mm	16
192054	14 mm	17.3 mm	17

Tools

Hand Lamps



200181 Hand Lamp

230 V, 8 W, Light power 400 lm, Length 510 mm, Cable length 5 mm, Resistant Yes, Hi impact Yes, Plug w/, Tightness norm IP 67, Weight 700 g
Works at temperature below zero. All parts are replaceable.



200635 Hand Lamp

230 V, 11 W, Light power 900 lm, Length 455 mm, Cable length 5 mm, Resistant Yes, Hi impact Yes, Plug w/, Tightness norm IP 64, Weight 775 g
Four times more powerful than conventional hand lamps. Works at temperature below zero. All parts replaceable.
Resistant to oil, petrol and chemicals.



200728 Hand Lamp

230 V, 9 W, Length 390 mm, Cable length 5 mm, Resistant Yes, Hi impact Yes, Plug w/, Tightness norm IP 64, Weight 720 g
Works at temperature below zero. All parts are replaceable.



200733 Hand Lamp

230 V, 8 W, Length 450 mm, Cable length 5 mm, Plug w/, Tightness norm IP 20, Weight 430 g



200837 Hand Lamp

230 V, 11 W, Light power 900 lm, Length 450 mm, Cable length 5 mm, Hi impact Yes, Tightness norm IP 65, Weight 585 g

LED



200881 LED Hand Lamp

Dim. 220x55 mm, Battery type Li-ion, Bulb type LED, Magnet holder Yes, Rechargeable Yes, Lamp head Yes, Wall charger 230V Yes, Charger 12V Yes, Approvals CE

Spare Parts



170947 Fluorescent Tube

Servicing: Cargo 200728
9 W, Tightness norm IP 65



171573 Fluorescent Tube

Fluorescent twin tube 11 W. Base 2G7-4 pin.



200659 Electronic Part

Servicing: Cargo 200728, 200635
230 W, Tightness norm IP 65

Working Lamps



200781 Hand Lamp

230 V, 18 W, Light power 1200 lm, Dim. 19x16x11 cm, Cable length 5 mm, Tightness norm IP 44, Weight 1600 g
Compact lamp w/ numerous possibilities.
Impact resistant plastic housing.
Fluorescent tubes: Cargo 170959.

Spare Parts

Pkg. 10



170959 Fluorescent Tube

Servicing: Cargo 200781
9 W
For Helio lamps. Socket 623 2-pin.

Pkg. 10



170960 Fluorescent Tube
For Helio lamps.

Hose Clamp Screwdrivers



210249 Hose Clamp Screwdriver
Flexible.



Electrical Parts & Engine Management

Edition 2013/2014



Camera & Parking Sensors

CCTV Rear Observation System



160775 Rear Observation Kit
12/24 V, **Extension cable** 20 m, **Depth** 50.8 mm, **Height** 140 mm, **Width** 191, **Display size** 7«, **Type** Camera kit, **Camera type** Colour, **Accessories** DVD, **Monitor** LED, **No./cameras** 4+1, **Audio** Yes, **Infrared** w/, **Extra camera** w/
• High quality 7« TFT/LCD (9:16) Monitor w/ On Screen Display (OSD) .
• Support 4 CCD inputs.
• Support split picture (double and quad).
• Provide 2 video signal output (live and quad).
• Quad signal output can be recorded via Mobile-DVR.
• Provide designated picture when pressing „Jump“ key.
• User friendly OSD control by encoder switch.
• Individually adjusted CCD mirror function through OSD.
• Provide distance gauge when shifting to reverse gear.
• Support DVD, VCD or game station connecting to AV.
• Auto turn On via trigger cable to reverse, camera 1 and 2.
• Auto NTSC/PAL detection.
• Power source 12/24 V.
Colour camera (Cargo 160609)
• Waterproof aluminium housing for protection against foul weather, shock and vibration.
• Wide view angle, 150° diagonal.
• Infrared LED's for night vision.
• Built-in microphone.
• Protection degree: IP 67.
Connection cable (Cargo 160611)
• 20 mtr. (6pin Mini DIN)
Mounting parts & User Manual
Kit consisting of 1x7« monitor w/ quad: Cargo 160776. 1x colour camera w/ audio: Cargo 160796. 1x20 m extension cable: Cargo 160611.



160783 Rear Observation Kit
12/24 V, **Extension cable** 20 m, **Depth** 50.8 mm, **Height** 140 mm, **Width** 191, **Display size** 7«, **Type** Camera kit, **Camera type** Colour, **Accessories** DVD, **Monitor** LED, **No./cameras** 3+1, **Audio** Yes, **Infrared** w/, **Extra camera** w/
Kit consisting of 1x7« monitor: Cargo 160784. 1x colour camera: Cargo 160796. 1x20 m extension cable: Cargo 160611.



160793 Rear View Mirror Monitor kit
12/24 V, **Display size** 4.3«, **Camera type** Colour, **Accessories** DVD, **No./cameras** 2, **Audio** Yes, **Extra camera** w/o w/o camera and extension cable. Camera: Cargo 160610, 160796. Extension cables use: Cargo 160611, 160612, 160613, 160672.



160886 Rear Observation Kit
12/24 V, **Extension cable** 20 m, **Depth** 25 mm, **Height** 105 mm, **Width** 155, **Display size** 5.8«, **Type** Camera kit, **Camera type** Colour, **Monitor** TFT-LCD, **No./cameras** max. 2, **Audio** Yes, **Infrared** w/, **Extra camera** w/
Consists: 1x5.8« monitor w/ remote control: Cargo 160898. 1x colour camera: Cargo 160887. 1x20 m extension cable: Cargo 160888.



160994 Rear Observation Kit
12-24 V, **Extension cable** 20 m, **Display size** 7«, **Type** Camera kit, **Camera type** Colour, **Monitor** TFT-LCD, **No./cameras** max. 2, **Audio** Yes, **Infrared** w/, **Extra camera** w/
Consists: 1x7« monitor w/ remote control: Cargo 160995. 1x colour camera: Cargo 160887. 1x20 m extension cable: Cargo 160888.

Cameras



160610 CCTV Camera
Servicing: Cargo 160775, 160783, 160793
12 V, **Light sensitivity** 0.1 lux, - **OD** 30 mm, **Length** 70 mm, **Type** Colour, **Connection cable** 6 pin mini DIN, **Colour** Black, **Material** Aluminium, **Resolution** TV lines >330, **Picture sensor** 1/3« CCD, **Signal system** PAL, **Protection degree** IP 68, **Shutter rate** 1/50-1/100.000 sec., - **Microphone** w/o, **Mirror function** w/, **Weight** 0.200 kg
W/ original anodised finish and anti-fog glass. Wide angle 110° diagonal.



160796 Colour Camera w/ Audio
Servicing: Cargo 160775, 160783, 160793
 12 V, **Light sensitivity** 0 lux,
Depth 60 mm,
Height 75 mm, **Width** 90 mm,
Type Colour, **Connection cable** 1.3 m w/
 6 pin Mini DIN,
Colour White, **Material** Aluminium,
Resolution TV lines 420,
Picture sensor 1/3« CCD,
Signal system PAL/NTSC,
Protection degree IP 67,
Shutter rate 1/50-1/100.000 sec.,
Infrared w/, Microphone w/,
Mirror function w/
Mirror function optional, wide angle: h:
122°. W: 91°. Diagonal: 156°.



160880 Side Camera
Servicing: Cargo 160775, 160783, 160793
 12 V, **Light sensitivity** 0 lux/ IR LED on,
Depth 82.6 mm, **Height** 60.7 mm,
Width 61.12 mm,
Type Colour, **Connection cable** 2 m,
Colour Black, **Material** Aluminium,
Resolution TV lines 380,
Picture sensor 1/4« CCD,
Signal system PAL,
Shutter rate 1/60-1/100.000 sec.,
Infrared w/, Microphone w/o,
Mirror function w/



160887 Colour Camera
Servicing: Cargo 160886
 12 V, **Light sensitivity** 0 lux, **Depth** 57 mm,
Height 43 mm, **Width** 75 mm,
Type Colour, **Connection cable** 0.3 m 4 pin,
Colour Black, **Material** Aluminium,
Resolution TV lines 420,
Picture sensor 1/3« CCD,
Signal system PAL, **Protection degree** IP 68,
Infrared w/, Microphone w/,
Mirror function w/
120° viewing angle.

Pkg. 5



160965 Lens
Servicing: Cargo 160610
Material Glass



160972 Colour Camera
Servicing: Cargo 160886
 12 V, **Light sensitivity** 0 lux,
Depth 57 mm,
Height 43 mm, **Width** 75 mm,
Type Colour, **Connection cable** 0.3 m 4
 pin, **Colour** Black, **Material** Aluminium,
Resolution TV lines 480,
Picture sensor 1/3«,
Signal system PAL/NTSC,
Protection degree IP 68, **Infrared w/,**
Microphone w/, Mirror function w/
90° viewing angle.

Monitors



160776 Monitor
Servicing: Cargo 160775
 12/24 V, **Depth** 50.8 mm,
Height 140 mm, **Width** 191 mm,
Display size 7«, **Type** LED,
Mount. bracket w/,
Resolution pixels 1440x234,
Signal PAL/NTSC, **Remote control w/o,**
Loudspeaker w/, Mirror function w/,
Weight 1.78 kg



160784 Monitor
Servicing: Cargo 160783
 12/24 V, **Depth** 50.8 mm,
Height 140 mm, **Width** 191,
Display size 7«, **Type** Accessories,
Monitor LED, **No./**
cameras 3+1, **Audio** Yes



160898 Monitor
Servicing: Cargo 160886
 12/24 V, **Depth** 28 mm, **Height** 104 mm,
Width 150 mm, **Display size** 5.8«,
Type TFT-LCD,
Mount. bracket w/,
Resolution pixels 800x480,
Signal PAL/NTSC, **Remote control w/,**
Loudspeaker w/, Mirror function w/o

Pkg. 0



160995 Monitor

Accessories



160603 6 pin mini DIN to RCA
 connection
Plug Mini Din 6 pin/RCA
*Used for connecting extra camera to
 switchover.*



160611 CCTV Extension Cable
Length 20 m, Plug Mini Din 6 pin
Cargo 160775, 160783, 160793.



160612 CCTV Extension Cable
Length 15 m, Plug Mini Din 6 pin
Cargo 160775, 160783, 160793.



160613 CCTV Extension Cable
Length 10 m, Plug Mini Din 6 pin
Cargo 160775, 160783, 160793.



160663 Trailer Cable Kit
Cable from socket to camera 0.2 m,
Cable from socket to monitor 0.5 m,
Coil length 3 m,
Trailer cable kit Mini Din 6 pin,
Plug Mini Din 6 pin
Cargo 160775, 160783, 160793.



160672 CCTV Extension Cable
Length 6 m, Plug Mini Din 6 pin
Cargo 160775, 160783, 160793.



160888 CCTV Extension Cable
Servicing: Cargo 160886
Length 20 m, Plug 4 pin
Only for 5.8« system.



160889 CCTV Extension Cable
Servicing: Cargo 160886
Length 10 m, Plug 4 pin
Only for 5.8« system.



160916 Trailer Cable Kit
Servicing: Cargo 160886
Cable from socket to camera 0.2 m,
Cable from socket to monitor 0.5 m,
Coil length 3 m, Trailer cable kit 4 pin,
Plug 4 pin



160961 Power Cable
Servicing: Cargo 160886
12-24 V

NEW PRODUCT
www.hc-cargo.com

160993 Trailer Cable Kit
Cable from socket to camera 20 m,
Cable from socket to monitor 5 m,
Coil length 2 m,
Trailer cable kit Mini Din 6 pin,
Plug Mini Din 6 pin
Cargo 160606, 160775, 160783, 160793.

Acoustic Warning

Reversing Alarms

Pkg. 25



160346 Reversing Alarm
12 V, 20 W, 90 dB, Bulb type Halogen,
Socket type BA15S
w/ »beep-beep« warning sound.



160410 Reversing Alarm
24 V, 20 W, 90 dB, Bulb type Halogen,
Socket type BA15S
w/ »beep-beep« warning sound.



160481 Reversing Alarm
12/24 V, 96 dB, 2500 Hz,
Overvoltage Yes, Waterproof,
Volume Yes



160482 Reversing Alarm
12/24 V, 100 dB, 900 Hz,
Overvoltage Yes, **Waterproof**,
Volume Yes, **ADR-approved** Yes
Night attenuation, excluding when fog lights are on.



160689 Reversing Alarm
12/80 V, 30 A, 85 dB, 3200 Hz,
Type Buzzer, **Waterproof**,
ADR-approved No, **Weight** 0.035

Buzzers



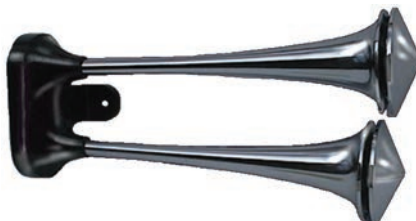
160533 Warning Buzzer
24 V, 21 mA, 99 dB, 400±100 Hz



160534 Warning Buzzer
12 V, 25 mA, 97 dB, 400±100 Hz

Horns

Air Horns



160038 Pneumatic Horn
118 dB, 330/370 Hz, OD 80 mm,
Length 390 mm, **Type** Dual tone,
Material Chromed Metal, **E-approval** Yes,
Weight 1 kg
Operating pressure 500-1200 kPa. For trucks equipped w/ on-board air.



160355 Pneumatic Horn
Servicing: Trucks
118 dB, 210 Hz, **Length** 600 mm,
Type Single tone, **E-approval** Yes,
Weight 1.6 kg
Operating pressure 30-1200 kPa. Equipped w/ on-board air.



160356 Pneumatic Horn
Servicing: Trucks
118 dB, 190 Hz, **Length** 680 mm,
Type Single tone, **Weight** 1.7 kg
Operating pressure 30-1200 kPa. Equipped w/ on-board air.

Compressor Type



160002 Compressor Horn
12 V, 16 A, 117 dB, 630-795 Hz,
Type Dual tone, **Solenoid** Yes,
Material Shockproof plastic,
E-approval Yes, **Weight** 0.9 kg
w/ parts.



160508 Compressor Horn
24 V, 118 dB, 692-756 Hz,
Type Dual tone, **Solenoid** Yes,
Material Shockproof plastic, **E-approval** Yes, **Weight** 1.2 kg

Electrical



160036 Twin Fanfare Horn
12 V, 112 dB, 410-490 Hz, **Solenoid** Yes,
E-approval Yes
Red w/ chromium grilles.



160336 Horn
24 V, 2.5 A, 335 Hz, OD 100 mm,
Type Single tone, **E-approval** Yes,
Weight 0.29 kg
2 terminals. w/ bracket.



160393 Horn

36-48 V, 1 A, 112 dB,
420 Hz, OD 100 mm, **Type** Single tone,
E-approval Yes, **Weight** 0.29 kg
2 terminals. w/ bracket.



160414 Horn

24 V, 118 dB, 370 Hz, **Length** 400 mm,
Type Single tone, **Solenoid** No,
Material Chromed brass, **Marine** Yes
Model EM2.



160415 Horn

12 V, 118 dB, 370 Hz, **Length** 400 mm,
Type Single tone, **Solenoid** No,
Material Chromed brass, **Marine** Yes
Model EM2.



160658 Horn

Servicing: VW
12 V, 335 Hz, OD 100 mm,
Type Single tone, **Material** Steel,
Marine No, **E-approval** Yes
w/ K-Jetronic connection. w/ bracket.



160712 Horn

12 V, **Type** Dual tone, **Solenoid** No,
Marine No
w/ K-Jetronic connection.



160746 Horn

Servicing: Scooters and motor cycles
12 V, 1-1.4 A, 109 dB, 410-
550 Hz, OD 70 mm, **Type** Single tone,
Material Steel, **E-approval** Yes,
Weight 0.164 kg



160986 Horn

12 V, 3.5 A, 112 dB,
420 Hz, OD 90 mm, **Type** Single tone,
Material Steel, **E-approval** Yes,
Weight 0.28 kg
2 terminals. w/ bracket.



160987 Horn

24 V, 2.5 A, 112 dB,
420 Hz, OD 90 mm, **Type** Single tone,
E-approval Yes, **Weight** 0.29 kg
2 terminals. w/ bracket.



160988 Horn

12 V, 3.5 A, 112 dB,
335 Hz, OD 90 mm, **Type** Single tone,
E-approval Yes, **Weight** 0.28 kg
2 terminals. w/ bracket.



160989 Horn

24 V, 2.5 A, 112 dB,
335 Hz, OD 90 mm, **Type** Single tone,
E-approval Yes, **Weight** 0.29 kg
2 terminals. w/ bracket.

Spare Parts



160039 Electric Valve

24 V
For Compressor horn.

Pkg. 10



160042 Y-Connector

Servicing: Cargo 160002, 160508

Pkg. 50



190097 PVC Hose 8 mm
ID 8 mm, **Hose type** Transparent plastic,
Temp. -15 -> +60 °C



160213 Compressor
Servicing: Boats until 20 mtr
24 V, **Length** 165 mm, **Solenoid** Yes,
Pressure 2 bar, **Weight** 2.4 kg
Marine horn: Cargo 160048.



160333 Compressor
Servicing: Cargo 160038
12 V, OD 70 mm, **Length** 112 mm,
Type 1, 2 og 3 tones, **Solenoid** Yes,
Material Aluminium, **Pressure** 1.5 bar,
Marine Yes, **Weight** 0.5 kg
Approved for boats until 12 mtr.



160334 Compressor
Servicing: Cargo 160038
24 V, OD 70 mm, **Length** 112 mm,
Type 1, 2 og 3 tones, **Solenoid** Yes,
Material Aluminium, **Pressure** 1.5 bar,
Marine Yes, **Weight** 0.5 kg

Power Management Components

Voltage Converters

Switch Mode



160899 Adaptor
24 V_{in}, 12V DC V_{out}, 6x70 W_{out},
Type Switch mode
Max. output 220 W. 7-13 pole.



160900 Trailer Light Converter Adapter
24 V_{in}, 12V DC V_{out}, 6x70 W_{out},
Type Switch mode
Max. output 220 W. 7-7 pole.



160901 Trailer Light Converter
24 V_{in}, 12V DC V_{out},
Type Switch mode/isolated,
Protection degree IP 69K,
Output: 2x42 W + 4x60 W. Level B. To be used when Cargo 160899 and 160900 are not suited.



160960 Power Converter
Servicing: Used for mounting computers in trollies
10-32 V_{in}, 12V DC V_{out},
6 A_{cont.}, 72 W_{out},
Dim. 167x87x50 mm, **Type** Switch mode/
isolated, **Protection degree** IP 533,
Modified to stabilize the output voltage.

Non Insulated



160306 Voltage Converter
24 V_{in}, 13.8 V_{out}, 12 A_{cont.},
18 A/5 min, 8 A/offload, 160 W_{out},
Dim. 128x87x50 mm,
Type Switch mode non isolated,
Over current Yes, **Alarm/over heating** Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes,
Alarm/transients Yes
CE-approved. The converter is supplied w/ a unique mounting bracket. The converter is intended for use w/ heavy duty communication equipment or other similar equipment. Fitting instruction included.



160387 Voltage Converter
24 V_{in}, 13.8 V_{out}, 3 A_{cont.},
6 A/5 min, 8 A/offload, 40 W_{out},
Dim. 68x87x50 mm,
Type Switch mode non isolated,
Over current Yes, **Alarm/over heating** Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes,
Alarm/transients Yes
CE-approved. The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ radios, cassette players or other similar equipment. Fitting instruction included.



160388 Voltage Converter
24 V_{in}, 13.8 V_{out}, 6 A_{cont.},
10 A/5 min, 8 A/offload, 75 W_{out},
Dim. 90x87x50 mm,
Type Switch mode non isolated,
Over current Yes, **Alarm/over heating** Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes, **Alarm/transients** Yes
CE-approved. The converter is supplied w/ a unique clip mounting bracket. The converter is intended for use w/ radios, cassette players or other similar equipment. Fitting instruction included.

**160389** Voltage Converter

24 V/in, 13.8 V/out, 24 A/cont.,
30 A/5 min, 8 A/offload, 330 W/out,
Dim. 168x87x50 mm,
Type Switch mode/uninsulated,
Over current Yes, Alarm/over heating Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes, Alarm/transients Yes
CE-approved. The converter is supplied
w/ a unique clip mounting bracket. The
converter is intended for use w/ high power
audio installations and high frequency radio
transmission or other similar equipment.
Fitting instruction included.

Insulated**160390** Voltage Converter

24 V/in, 13.8 V/out, 3 A/cont.,
6 A/5 min, 8 A/offload, 40 W/out,
Dim. 90x87x50 mm,
Type Switch mode/isolated,
Over current Yes, Alarm/over heating Yes,
Alarm/overvoltage Yes, Alarm/rev. con. Yes,
Alarm/transients Yes
CE-approved. The converter is supplied
w/ a unique clip mounting bracket. The
converter is intended for use w/ the same
equipment as Cargo 160387, but for systems
where full isolation is required e.g. marine
electrical systems and vehicles for petroche.

**160391** Voltage Converter

24 V/in, 13.8 V/out, 6 A/cont.,
10 A/5 min, 8 A/offload, 75 W/out,
Dim. 128x87x50 mm, Type Switch mode/isolated,
Over current Yes, Alarm/over heating Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes, Alarm/transients Yes
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ the same equipment
as Cargo 160388, but for systems where full
isolation is required e.g. marine electrical
systems. Fitting instruction included.

**160392** Voltage Converter

24 V/in, 13.8 V/out, 12 A/cont.,
18 A/5 min, 8 A/offload, 144 W/out,
Dim. 168x87x50 mm,
Type Switch mode/isolated,
Over current Yes, Alarm/over heating Yes,
Alarm/overvoltage Yes,
Alarm/rev. con. Yes,
Alarm/transients Yes
CE-approved. The converter is supplied
w/ a unique clip mounting bracket. The
converter is intended for use w/ the
same equipment as Cargo 160306, but for
systems that require full isolation. Fitting
instruction included.

**160640** Converter

24 V/in, 12 V/out, 50 A/cont.,
60 A/5 min, A/offload, 600 W/out,
Type Switch mode/isolated,
Over current Yes

**160642** Converter

12 V/in, 24 V/out, 3 A/cont.,
4 A/5 min, A/offload, 72 W/out,
Dim. 89x87x50 mm,
Type Switch mode/isolated,
Over current Yes

**160644** Converter

12 V/in, 24 V/out, 7 A/cont.,
9 A/5 min, A/offload, 168 W/out,
Dim. 167x87x50 mm,
Type Switch mode/isolated,
Over current Yes

**160646** Converter

12 V/in, 24 V/out, 10 A/cont.,
13 A/5 min, A/offload, 240 W/out,
Dim. 217x87x50 mm,
Type Switch mode/isolated,
Over current Yes

Multi Power**160579** Voltage Converter

36-90 V/in, 12 V/out, 6 A/cont.,
75 W/out, Dim. 134x94x18 mm,
Protection degree IP 68,

**160580** Voltage Converter

36-90 V/in, 12 V/out, 15 A/cont.,
Dim. 134x94x48 mm,
Protection degree IP 68,

Relay Boxes**160167** Relay Box

Servicing: For 12 V trailer pulled by a 24 V
vehicle

12/24 V, 10 A, 250 W, No./poles 7,
Relay switch Yes

Switches the voltage from 24 V to 12 V by
5 relays. Run at 24 V and leading 12 V from
one of the batteries or converter to the
lamps of the trailer. For continuous use it
has to be connected via a converter. For
internal mounting.



160797 Relay Box

12-12 V, 5x8 A, 5x250 W

To reduce voltage drop, if you use vehicles w/ trailer. Fitted w/ 5x12 V relays the 12 V function will not be affected.

Voltage Inverters

Modified Sine Wave



160494 Voltage Inverter

24 V/in, 230 V/out, 250 W/cont.,

Dim. 190x110x75 mm, Type Sinus,

Weight 2.5 kg



160541 Voltage Inverter

12 V/in, 230 V/out, 10.5±0.5 Alarm/V,

10±0.5 Shut down/V, <20 Amp.-Max/Cont.,

<0.3 Amp.-standby, 150 W/cont.,

450 W/max., Dim. 165x91x58 mm,

Efficiency Over 90 %, Type Modified sine,

60±5 °C, Regulation ±10,

Over heating Yes, Overloading Yes,

Short circuit Yes, Weight 0.850 kg



160542 Voltage Inverter

24 V/in, 230 V/out, 21±1 Alarm/V,

20±1 Shut down/V, <10 Amp.-Max/Cont.,

<0.3 Amp.-standby, 150 W/cont.,

450 W/max., Dim. 165x91x58 mm,

Efficiency Over 90 %, Type Modified sine,

60±5 °C, Regulation ±10,

Over heating Yes, Overloading Yes,

Short circuit Yes, Weight 0.850 kg



160543 Voltage Inverter

10-15 V/in, 230 V/out,

10.5±0.5 Alarm/V, 10±0.5 Shut down/V,

<20 Amp.-Max/Cont., <0.3 Amp.-standby,

300 W/cont., 1000 W/max.,

Dim. 190x91x58 mm, Efficiency Over 90 %,

Type Modified sine, 60±5 °C,

Regulation ±10, Over heating Yes,

Overloading Yes, Short circuit Yes,

Weight 1.1 kg



160544 Voltage Inverter

24 V/in, 230 V/out, 21±1 Alarm/V,

20±1 Shut down/V, <35 Amp.-Max/Cont.,

<0.3 Amp.-standby, 300 W/cont.,

1000 W/max., Dim. 190x91x58 mm,

Type Modified sine, 60±5 °C,

Regulation ±10, Over heating Yes,

Overloading Yes, Short circuit Yes,

Weight 1.1 kg



160545 Voltage Inverter

10-15 V/in, 230 V/out,

10.5±0.5 Alarm/V, 10±0.5 Shut down/V,

<0.3 Amp.-standby, 600 W/cont.,

1500 W/max., Dim. 242x91x58 mm,

Type Modified sine, 60±5 °C,

Regulation ±10, Over heating Yes,

Overloading Yes, Short circuit Yes,

Weight 1.7 kg



160546 Voltage Inverter

24 V/in, 230 V/out, 21±1 Alarm/V,

20±1 Shut down/V, <0.3 Amp.-standby,

600 W/cont., 1500 W/max.,

Dim. 242x91x58 mm, Type Modified sine,

60±5 °C, Regulation ±10,

Over heating Yes, Overloading Yes,

Short circuit Yes, Weight 1.7 kg



160569 Voltage Inverter

12 V/in, 230 V/out, 10.5±0.5 Alarm/V,

10±0.5 Shut down/V, <2 Amp.-standby,

1500 W/cont., 3500 W/max.,

Dim. 395x240x90 mm,

Type Modified sine, 60±5 °C,

Over heating Yes, Overloading Yes,

Short circuit Yes, Cooling fan Yes,

Weight 5.5 kg



160581 Voltage Inverter

24 V/in, 230 V/out, 21±1 Alarm/V,

20±1 Shut down/V, <1 Amp.-standby,

1500 W/cont., 3500 W/max.,

Dim. 395x240x90 mm,

Type Modified sine, 60±5 °C,

Over heating Yes, Overloading Yes,

Short circuit Yes, Weight 5.5 kg



160660 Voltage Inverter

10-15 V/in, 230 V/out,
10.5±0.5 Alarm/V, 10±0.5 Shut down/V,
<0.8 Amp.-standby, 1000 W/cont.,
2500 W/max., Dim. 310x205x75 mm,
Type Modified sine, 60±5 °C,
Regulation ±10, Over heating Yes,
Overloading Yes, Short circuit Yes,
Weight 5 kg



160676 Voltage Inverter

24 V/in, 230 V/out, 21±1 Alarm/V,
20±1 Shut down/V, <0.8 Amp.-standby,
1000 W/cont., 2500 W/max.,
Dim. 310x205x75 mm, Type Modified sine,
60±5 °C, Regulation ±10,
Over heating Yes, Overloading Yes,
Short circuit Yes, Weight 5 kg

Voltage Reducer



160627 Voltage Reducer

Set w/ 2 resistors. Reduces the voltage
w/ 0.75 V. Secures the lifetime of the
headlight bulbs in cars w/ high voltage.
12/24 V.

Chargers



160874 Charger

23/24 V, 12 A, Dim. 235x87x58 mm,
Working temp. -30±55 °C, Warning lamp w/,
Auto stop Yes, Weight 1.660 kg
IP67.



160875 Charger

230/12 V, 17 A, Dim. 235x87x58 mm,
Working temp. -30±55 °C,
Warning lamp w/, Auto stop Yes,
Weight 1.660 kg
IP67.



160968 Charger

230/12 V, 3 A, Dim. 160x96x54 mm,
Working temp. -20±50 °C,
Warning lamp w/, Approval CE,
Weight 0.85 kg
50Hz. IP65.



160969 Charger 5 amp

230/12 V, 5 A, Dim. 160x96x54 mm,
Working temp. -20±50 °C,
Warning lamp w/, Approval CE,
Weight 0.85 kg
50Hz. IP65.



160968UK UK Charger

230/12 V, 3 A, Dim. 160x96x54 mm,
Working temp. -20±50 °C,
Warning lamp w/, Approval CE,
Weight 0.85 kg
50Hz. IP65.

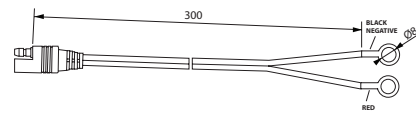


160969UK UK Charger

230/12 V, 5 A, Dim. 160x96x54 mm,
Working temp. -20±50 °C,
Warning lamp w/, Approval CE,
Weight 0.85 kg
50Hz. IP65.

Accessories

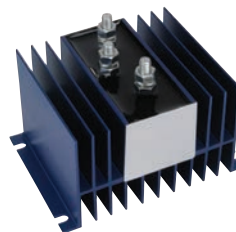
Pkg. 10



160990 Charger cable

Servicing: Cargo 160968, 160969,
160968UK, 160969UK
300 V, Lead dim. 2x0.824 mm²,
Rolls size 0.3 m, Lead type Dual,
Cap colour Black, Cap material PVC,
Temp/area 60 °C

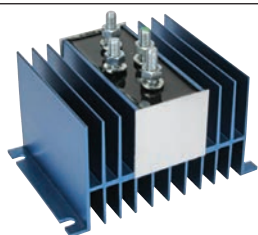
Battery Isolators



160342 Battery Isolator

Servicing: Boats, autocampers, industrial
vehicles

6-36 V, 70 Current/max A,
Dim. 85x115x95 mm, No./batteries 2,
Comp. diode No
Eliminates the multi battery drain when 2
or more batteries are in a charging system.



160343 Battery Isolator

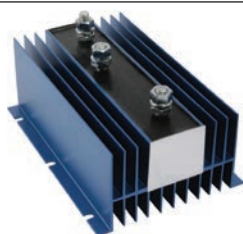
Servicing: Boats, autocampers, industrial vehicles

6-36 V, 70 **Current/max A**,

Dim. 85x115x95 mm, **No./batteries** 2,

Comp. diode Yes

Eliminates the multi battery drain when 2 or more batteries are in a charging system. w/ compensations diode which allows a higher charging current.



160398 Battery Isolator

Servicing: Boats, autocampers, industrial vehicles

6-36 V, 120 **Current/max A**,

Dim. 170x115x95 mm, **No./batteries** 2,

Comp. diode No

Eliminates the multi battery drain when 2 or more batteries are in a charging system.



160399 Battery Isolator

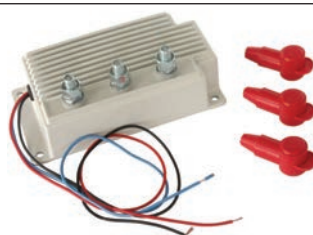
Servicing: Boats, autocampers, industrial vehicles

6-36 V, 120 **Current/max A**,

Dim. 170x115x95 mm, **No./batteries** 2,

Comp. diode Yes

Eliminates the multi battery drain when 2 or more batteries are in a charging system. w/ compensations diode which allows a higher charging current.



160735 Battery Isolator

12/24 V, 150 **Current/max A**,
No./batteries 2

This cut-off relays, separates from others because it especially can be used on models which need power at B+ to start up the generator load. When connecting additional contact may also be used to boost the starting battery. 0-volt drop. E-market. Waterproof.



160740 Split Charge Relay

Servicing: Boats, autocampers, industrial vehicles

12 V, 180 **Current/max A**,

Dim. 120x80x55 mm, **No./batteries** 2,

Comp. diode No

Microprocessor controlled relay. Allows charging on the auxiliary battery at 13.4 V charging voltage.



160742 Split Charge Relay

Servicing: Boats, autocampers, industrial vehicles

24 V, 100 **Current/max A**,

Dim. 120x80x70 mm, **No./batteries** 2,

Comp. diode No

Microprocessor controlled relay. Allows charging on the auxiliary battery at 27 V charging voltage.



160876 Split Charge Relay

12 V, 70 **Current/max A**,

Dim. 60x34x70 mm, **No./batteries** 2

13.4 V-12.6 V.



160877 Split Charge Relay

24 V, 50 **Current/max A**,

Dim. 60x34x70 mm, **No./batteries** 2

Switches & Sensors - Engine Management

Switches

Battery Switches



180028 Battery Main Switch

24 V, 100 **A/cont.**, 500 **A/5 sec.**,

Dist. mount. holes 38 mm, **Type** Battery,

Material Plastic, **Mounting holes** 2,

Key w/

Spare key: Cargo 180143. Pole: dia. 10 mm.



180087 Battery Main Switch

24 V, 250 **A/cont.**, 2500 **A/5 sec.**,

Dist. mount. holes 100 mm,

Type Battery, **Material** Metal,

Mounting holes 2, **Key** w/

Spare key: Cargo 180202.



180203 Battery Main Switch

24 V, 250 **A/cont.**, 2500 **A/5 sec.**,

Dist. mount. holes 100 mm,

Type Battery, **Material** Plastic,

Protection degree IP 66,

Mounting holes 2, **Key** w/



180211 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 100 mm,
Type Battery, Material Metal,
Protection degree IP 65,
Mounting holes 2, Key w/
Spare key: Cargo 180288 or 180333. Rubber
boot: Cargo 180375.



180216 Battery Main Switch
24 V, 100 A/cont., 500 A/5 sec.,
Dist. mount. holes 45 mm, Type Battery,
Material Plastic, Protection degree IP 4x,
Mounting holes 2, Key w/
Spare key: Cargo 180143. Rubber protection
cap: Cargo 180374.



180229 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 100 mm, Type Battery,
Material Plastic, Protection degree IP
66, Mounting holes 2, Key w/
On/off under load. Spare key: Cargo 180029.



180271 Battery Main Switch
12/24 V, 300 A/cont., 1000 A/5 sec.,
Dist. mount. holes 45 mm, Type Battery,
Material Plastic, Protection degree IP 65,
Mounting holes 2, Poles M10,
Explosion proof Yes, Waterproof,
Key w/, Approval SAE J1171
Rubber boot: Cargo 180375. Working temp.
-30°C/+65°C.



180276 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 110 mm,
Type Battery, Material Plastic,
Protection degree IP 67, Mounting holes 2,
Poles 2, Explosion proof 1 Yes,
Explosion proof 2 Yes, Waterproof,
Key w/, Approval ADR
Rubber boot: Cargo 180375. For alternator
w/ integral regulator. w/ D+ contact.



180279 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 110 mm,
Type Battery, Material Plastic,
Protection degree IP 65, Mounting holes 2,
Poles 1, Pneumatic Yes,
Explosion proof Yes, Key w/, Approval ADR
For alternator w/ integral regulator.
Rubber boot: Cargo 180375.
Spare key: Cargo 180292.



180289 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 38 mm, Type Battery,
Material Metal, Protection degree IP 65,
Mounting holes 2, Key w/
Rubber boot: Cargo 180375.



180291 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 110 mm,
Type Battery, Material Plastic,
Protection degree IP 65, Mounting holes 2,
Poles 2, Pneumatic Yes,
Explosion proof 2 Yes, Key w/
Rubber boot: Cargo 180375. Spare key:
Cargo 180292.



180313 Battery Main Switch
24 V, 100 A/cont., 500 A/5 sec.,
Dist. mount. holes 45 mm,
Type Battery, Protection degree IP 4x,
Mounting holes 2, Key w/o
Spare key: Cargo 180143. Rubber protection
cap: Cargo 180374.



180326 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 100 mm,
Type Battery, Protection degree IP 65,
Mounting holes 2
Rubber boot: Cargo 180375. w/ rotation/
press handle.



180596 Battery Main Switch
12 V, 100 A/cont., 500 A/5 sec.,
Dist. mount. holes 38 mm, Type Battery,
Material Plastic, Mounting holes 2,
Sec. circuit w/, Key w/
Spare key: Cargo 180029.



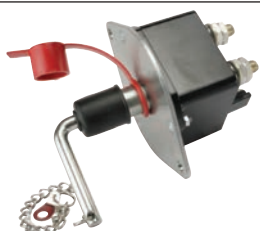
180614 Battery Main Switch
24 V, 75 A/cont., 1000 A/5 sec.,
Dist. mount. holes 38 mm, Type Battery,
Material Metal, Mounting holes 2,
Key w/



181238 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 100 mm,
Type Battery, Material Metal,
Protection degree IP 66,
Mounting holes 2, Waterproof, Key w/
Spare key: Cargo 180333. Rubber boot:
Cargo 180375.



181475 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 100 mm,
Material Metal, Protection degree IP 65,
Mounting holes 2, Key w/
Spare key: Cargo 180288, w/o chain and
rubber cap. Rubber boot: Cargo 180375.



181599 Battery Main Switch
12-24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 120 mm,
Type Battery, Material Metal,
Protection degree IP 66,
Mounting holes 2, Poles 2, Waterproof,
Key w/
Rubber boot: Cargo 180375.

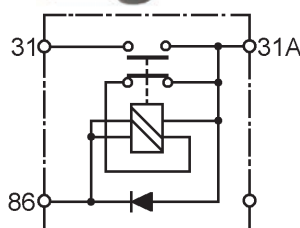
NEW PRODUCT
www.hc-cargo.com

181613 Battery Main Switch
12-50 V, 200 A/cont., 1000 A/5 sec.,
Dist. mount. holes 104 mm,
Type Battery, Material PBT,
Protection degree IP 54,
Mounting holes 3, Poles 3, Key w/o,
Approval CE

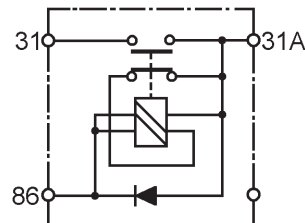
NEW PRODUCT
www.hc-cargo.com

181614 Battery Main Switch
12-50 V, 200 A/cont., 1000 A/5 sec.,
Dist. mount. holes 55 mm, Type Battery,
Material PBT, Protection degree IP 54,
Mounting holes 4, Poles 2, Key w/,
Approval CE

Electromagnetic



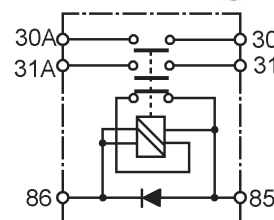
180232 Battery Switch
Servicing: Industrial vehicles, buses,
tractors, lift trucks and boats
12 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic, Solenoid Negative
These devices are designed to disconnect
and protect the batteries and all the
vehicle's electrical circuits.



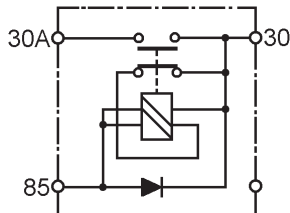
180233 Battery Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic, Solenoid Negative
These devices are designed to disconnect
and protect the batteries and all the
vehicle's electrical circuits.
Depending on the model, the isolation
switches are able to disconnect either the
negative, the positive or both sides of the
battery. The models with separate coil
power supply can also be used to disconnect
any other type of electrical circuit (e.g.
marine applications).
For serial or parallel connected batteries
250 Amp. Continued, 2500 Amp. For 5 sec.
negative disconnection.



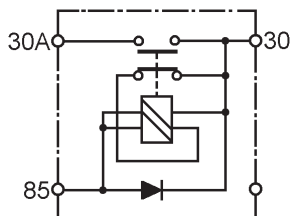
180290 Battery Switch Relay
12/24 V, 75 A/cont.,
1500 (1 sec) A/5 sec.
For serial and parallel connection of two 12
V batteries in 12 V systems w/ 24 V starter.



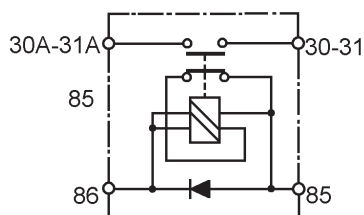
180556 Battery Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic,
Solenoid Positive/Negative



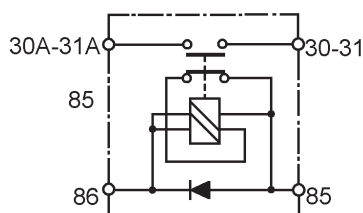
180602 Battery Switch
12 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic, Solenoid Positive



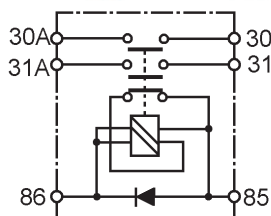
180603 Battery Switch
24 V, 200 A/cont., 2500 A/5 sec.,
Type Electromagnetic, Solenoid Positive



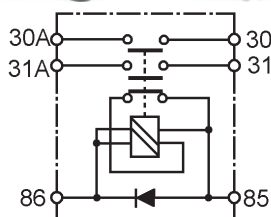
180604 Battery Switch
12 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic,
Solenoid Positive/Negative
w/ seperate power supply.



180605 Battery Switch
24 V, 200 A/cont., 2500 A/5 sec.,
Type Electromagnetic,
Solenoid Positive/Negative
w/ seperate power supply.



181476 Battery Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Type Electromagnetic, Solenoid Positive/
Negative, Mounting holes 4,
Poles 4, Explosion proof 1 Yes,
Explosion proof 2 Yes, Approval Ex
Plug: Cargo 181545.



181562 Battery Switch
12 V, 250 A/cont., 2500 A/5 sec.,
Solenoid Positive/Negative

Spare Keys

Pkg. 10



180029 Key
Servicing: Cargo 180028, 180203, 180216,
180229, 180313
Shaft length 11 mm, Pin 2

Pkg. 10



180143 Key
Servicing: Cargo 180028, 180216, 180313
Shaft length 9 mm

Pkg. 5



180202 Key
Servicing: Cargo 180087



180273 Key
Servicing: Cargo 180272

Pkg. 5



180288 Key
Servicing: Cargo 180211
Pin 2



180292 Key
Servicing: Cargo 180279
Material Plastic

Pkg. 5



180333 Key
Servicing: Cargo 180211, 181238
Pin 1

Pkg. 10



180619 Key
Servicing: Cargo 180028, 180203, 180216, 180229, 180596
Shaft length 11 mm, Pin 1

Pkg. 10



181270 Key
Servicing: Cargo 180028, 180216, 180229, 180313
Shaft length 11 mm, Pin 1
w/o dust cover.



181477 Key
Servicing: Cargo 180278



181578 Key
Servicing: Cargo 180614
For battery main switch.



181603 Key to Battery Main Switch
Servicing: Cargo 181599
For battery main switch.

Remote Control



180280 Pneumatic Remote Control
Servicing: Cargo 180279, 180291

Rubber Boots

Pkg. 10



180374 Terminal Boot
Servicing: Cargo 180216, 180313
Material Rubber



180375 Terminal Boot set
Servicing: Cargo 180211, 180271, 180272, 180274, 180275, 180276, 180277, 180278, 180279, 180289, 180291, 180326, 180338, 180238
Material Rubber
Supplied in kit of 2 pcs.

Waterproof



180272 Battery Main Switch
Servicing: Marine
24 V, 150 A/cont., 1000 A/5 sec.,
Dist. mount. holes 45 mm, Type Battery,
Material Metal, Protection degree IP 67,
Mounting holes 2, Explosion proof 1 Yes,
Waterproof, Key w/
Spare key: Cargo 180333. Rubber boot:
Cargo 180375.



180274 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 65 mm, Type Battery,
Material Plastic, Protection degree IP 67,
Mounting holes 2, Explosion proof 1 Yes,
Waterproof, Key w/
Rubber boot: Cargo 180375. For alternator
w/ separate regulator.



180275 Battery Main Switch
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 65 mm, Type Battery,
Material Plastic, Protection degree IP 67,
Mounting holes 2, Explosion proof 1 Yes,
Waterproof, Key w/
Rubber boot: Cargo 180375. For alternator
w/ intergral regulator. w/ D+ contact.



180277 Battery Main Switch
Servicing: Alternator w/ separate regulator
24 V, 250 A/cont., 2500 A/5 sec.,
Dist. mount. holes 110 mm,
Type Battery, Material Plastic,
Protection degree IP 67,
Mounting holes 2, Poles 2,
Explosion proof 1 Yes,
Explosion proof 2 Yes, Waterproof,
Key w/
Rubber boot: Cargo 180375.



180278 Battery Main Switch
24 V, 300 A/cont., 3000 A/5 sec.,
Dist. mount. holes 100 mm,
Type Battery, Material Metal,
Protection degree IP 67,
Mounting holes 2, Explosion proof 1 Yes,
Waterproof, Key w/
Rubber boot: Cargo 180375.



180338 Battery Main Switch
24 V, 20 A/cont., 2500 A/5 sec.,
Dist. mount. holes 65 mm, Type Battery,
Material Plastic, Protection degree IP 67,
Mounting holes 2, Explosion proof 1 Yes,
Waterproof, Sec. circuit w/, Key w/
For alternator w/ separate regulator.
W/ secondary circuit 24 V.
20 Amp. Continued.
Rubber boot: Cargo 180375.

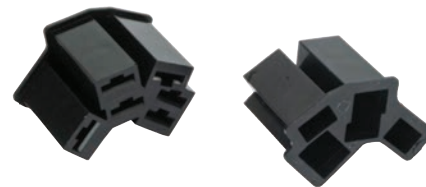
Spare Parts

Pkg. 25



181595 Central Plug Connector
Servicing: Cargo 180044
Type/terminal 9.5x1.2, No./poles 4,
Plug Female
DIN 46340. Used w/ Cargo 181596.

Pkg. 25



181596 Central Plug Connector
Servicing: Cargo 180044
Type/terminal 6.3x0.8, No./poles 6,
Plug Multiplug
DIN 46340. Used w/ Cargo 181595.

Pkg. 10



181597 Central Plug Connector
Servicing: Cargo 180027
Type Socket, Colour Black, No./poles 6,
Plug Female

Solenoids

Solenoid Shutdown-Kits

Externally Switched



090095 Solenoid Shutdown Kit
12 V, 1.1 A/hold, 46 A/pull,
Mount. type Flange/bracket,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Cable, Function Pull,
Switch External
This solenoid can't switch off by itself, it
will have to be controlled externally.



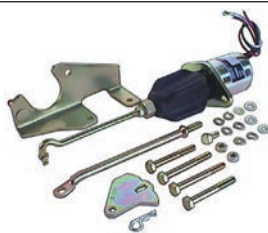
090096 Solenoid Shutdown Kit
12 V, 1.1 A/hold, 46 A/pull,
Mount. type Flange/bracket,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Right,
Elect. connection Cable, Function Pull,
Switch External
This solenoid can't switch off by itself, it will have to be controlled externally.



090099 Solenoid Shutdown Kit
24 V, 0.5 A/hold, 25 A/pull,
Mount. type Flange/bracket,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Cable, Function Pull,
Switch External
This solenoid can't switch off by itself, it will have to be controlled externally.



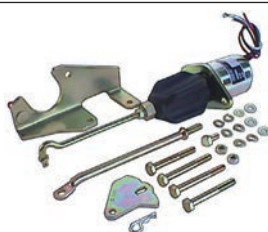
090100 Solenoid Shutdown Kit
24 V, 0.5 A/hold, 25 A/pull,
Mount. type Flange/bracket,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Right,
Elect. connection Cable, Function Pull,
Switch External
This solenoid can't switch off by itself, it will have to be controlled externally.



090103 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel
12 V, 1.1 A/hold, 55 A/pull,
Mount. type Flange/bracket,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Cable, Function Pull
This solenoid can't switch off by itself, it will have to be controlled externally.



090104 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel
12 V, 1.1 A/hold, 55 A/pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Right,
Elect. connection Cable, Function Pull
This solenoid can't switch off by itself, it will have to be controlled externally.



090105 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel
24 V, 0.63 A/hold, 29 A/pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Cable, Function Pull
This solenoid can't switch off by itself, it will have to be controlled externally.



090106 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel
24 V, 0.63 A/hold, 29 A/pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Right,
Elect. connection Cable, Function Pull
This solenoid can't switch off by itself, it will have to be controlled externally.



090107 Solenoid Shutdown Kit
12 V, 1.1 A/hold, 55 A/pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Multiplug
This solenoid can't switch off by itself, it will have to be controlled externally.



090108 Solenoid Shutdown Kit
24 V, 0.63 A/hold, 29 A/pull,
Pull rating 89N at 25.40 mm,
Hold rating 178N, Mount. side Left,
Elect. connection Multiplug,
Function Pull
This solenoid can't switch off by itself, it will have to be controlled externally.

Internally Switched

**090097** Solenoid Shutdown Kit

12 V, 1.1 A/hold, 46 A/pull, Mount. type Flange/bracket, Pull rating 89N at 25.40 mm, Hold rating 178N, Mount. side Left, Elect. connection Connection, Function Pull
This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090098** Solenoid Shutdown Kit

12 V, 1.1 A/hold, 46 A/pull, Pull rating 89N at 25.40 mm, Hold rating 178N, Mount. side Right, Elect. connection Connection, Function Pull
This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090101** Solenoid Shutdown Kit

24 V, 0.5 A/hold, 25 A/pull, Pull rating 89N at 25.40 mm, Hold rating 178N, Mount. side Left, Elect. connection Connection, Function Pull
This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090102** Solenoid Shutdown Kit

24 V, 0.5 A/hold, 25 A/pull, Pull rating 89N at 25.40 mm, Hold rating 178N, Elect. connection Connection, Function Pull
This solenoid can switch off the pull coil, and no external 'control' is necessary.

Solenoid Shutdown

Pkg. 40

**090218** Plunger

Thread size M6, Thread type Ordinary, Plunger External

Externally Switched

**090109** Shutdown Solenoid

12 V, 0.7 A/hold, 30 A/pull, Thread size 6.00, Mount. type Flange/bracket, Thread type mm, Pull rating 40N at 25.40 mm, Hold rating 89N, Elect. connection Connection, Function Pull, Plunger External, Switch External, Return spring 9N
This solenoid can't switch off by itself, it will have to be controlled externally.

**090110** Shutdown Solenoid

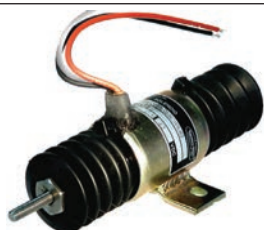
24 V, 0.25 A/hold, 17 A/pull, Thread size 6.00, Mount. type Flange/bracket, Thread type mm, Pull rating 40N at 25.40 mm, Hold rating 89N, Elect. connection Connection, Function Pull, Plunger External, Return spring 9N
This solenoid can't switch off by itself, it will have to be controlled externally.

**090111** Shutdown Solenoid

12 V, 0.6 A/hold, 44 A/pull, Thread size 1/4", Mount. type Flange/bracket, Thread type Inches, Pull rating 75N at 25.40 mm, Hold rating 178N, Elect. connection Connection, Function Pull, Plunger External, Return spring 35N
This solenoid can't switch off by itself, it will have to be controlled externally.

**090113** Shutdown Solenoid

24 V, 0.3 A/hold, 23 A/pull, Thread size 6.00, Mount. type Flange/bracket, Thread type mm, Pull rating 75N at 25.40 mm, Hold rating 178N, Elect. connection Connection, Function Pull, Plunger External, Return spring 35N
This solenoid can't switch off by itself, it will have to be controlled externally.



090199 Shutdown Solenoid
12 V, 1.1 A/hold, 46 A/pull,
Thread size 6.00, Mount. type Flat w/ 2
fixing holes, Thread type mm,
Pull rating 89N at 25.40 mm,
Hold rating 178N,
Elect. connection Cable,
Function Pull/push, Plunger External,
Return spring 17N
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090200 Shutdown Solenoid
24 V, 4 A/hold, 18 A/pull,
Thread size 6.00, Thread type mm,
Pull rating 67N at 25.40 mm,
Hold rating 178N,
Elect. connection Cable,
Function Pull/push, Plunger External,
Return spring 17N
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090206 Shutdown Solenoid
Servicing: Yanmar Diesel
12 V, Plunger Internal
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090216 Shutdown Solenoid
Servicing: Kubota
12 V, 0.7 A/hold, 30 A/pull,
Type Stop solenoid, Mount. type Flange,
Pull rating 44N at 25.40 mm,
Hold rating 85N,
Elect. connection Multiplug,
Plunger External, Return spring 17N
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090225 Shutdown Solenoid
Servicing: Perkins
12 V, Plunger Internal
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090226 Shutdown Solenoid
24 V, 24 V 2, 0.5 A/hold,
25 A/pull, Thread size 6.00,
Thread type mm, Pull rating 111N at
25.40 mm, Hold rating 182N,
Elect. connection Multiplug,
Function Pull, Plunger External,
Return spring 7N
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090228 Shutdown Solenoid
Servicing: Yanmar Motors
12 V, Plunger Internal
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090267 Shutdown Solenoid
Servicing: Volvo wheel loader
24 V, 0.86 A/hold, 39 A/pull,
Pull rating 129N at 25.4mm,
Hold rating 182N,
Elect. connection Multiplug,
Function Pull, Plunger Cable
Syncro start/Woodward.



090348 Shutdown Solenoid
12 V, 1.1 A/hold, 46 A/pull,
Thread size 6.00,
Mount. type Flat w/ 2 fixing holes,
Thread type mm, Pull rating 111N at
25.40 mm, Hold rating 182N,
Elect. connection Cable, Function Pull,
Plunger External, Return spring 4-8N
*This solenoid can't switch off by itself, it
will have to be controlled externally.*



090368 Shutdown Solenoid
12 V, 12 V 2, 0.86 A/hold, 61 A/pull,
Pull rating 129N at 25.4mm,
Hold rating 182N,
Elect. connection Multiplug,
Function Pull, Plunger Cable
Syncro start/Woodward.

**090370** Shutdown Solenoid

Servicing: Kubota D722, Z482

12 V, 1.1 A/hold, 46 A/pull,
Mount. type Flat w/ 2 fixing holes,
Elect. connection Cable,
Plunger External

This solenoid can't switch off by itself, it will have to be controlled externally.

**090371** Shutdown Solenoid

Servicing: Kubota D722, Z482

24 V, 0.5 A/hold, 25 A/pull,
Elect. connection Cable,
Plunger External

This solenoid can't switch off by itself, it will have to be controlled externally.

**090373** Shutdown Solenoid

12 V, Plunger External

This solenoid can't switch off by itself, it will have to be controlled externally.

**090431** Shutdown Solenoid

24 V, 24 V 2, 0.57 A/hold, 30 A/pull,
Thread size 5/16«-24,
Mount. type Flange/bracket,
Thread type Inches, Pull rating 165N,
Hold rating 391N, Function Pull,
Plunger External, Return spring 80-115N
This solenoid can't switch off by itself, it will have to be controlled externally.

Internally Switched

**090160** Shutdown Solenoid

12 V, 0.7 A/hold, 30 A/pull,
Thread size 6.00,
Mount. type Flange/bracket,
Thread type mm, Pull rating 40N at 25.40 mm, Hold rating 89N,
Elect. connection Connection,
Plunger External, Switch Internal,
Return spring 17N

This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090161** Shutdown Solenoid

24 V, 0.25 A/hold, 17 A/pull,
Thread size 6.00, Mount. type Flange/bracket, Thread type mm,
Pull rating 40N at 25.40 mm, Hold rating 89N,
Elect. connection Connection,
Function Pull, Plunger Internal,
Return spring 17N

This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090168** Shutdown Solenoid

12 V, 0.6 A/hold, 44 A/pull,
Thread size 6.00, Mount. type Flange/bracket, Thread type mm,
Pull rating 75N at 25.40 mm, Hold rating 178N,
Elect. connection Connection,
Plunger External, Switch Internal,
Return spring 35N

This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090169** Shutdown Solenoid

24 V, 0.3 A/hold, 23 A/pull,
Thread size 6.00, Mount. type Flange/bracket, Thread type mm,
Pull rating 75N at 25.40 mm, Hold rating 178N,
Elect. connection Connection,
Function Pull, Plunger External,
Switch Internal, Aux terminal Yes,
Return spring 35N

This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090210** Shutdown Solenoid

12 V, 1.1 A/hold, 46 A/pull,
Thread size 1/4«-28 stud.,
Mount. type Flange/bracket,
Thread type Inches, Pull rating 89N at 25.40 mm, Hold rating 178N,
Elect. connection Connection,
Function Pull, Plunger Internal,
Aux terminal Yes, Return spring 9N
This solenoid can switch off the pull coil, and no external 'control' is necessary.

**090224** Shutdown Solenoid

12 V, 0.25 A/hold, 17 A/pull,
Thread size 6.00,
Thread type mm, Pull rating 40N at 25.40 mm, Hold rating 89N,
Plunger Internal, Return spring 17N
This solenoid can switch off the pull coil, and no external 'control' is necessary.



090268 Shutdown Solenoid

Servicing: Kubota 5 series

12 V, Plunger Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090297 Shutdown Solenoid

24 V, 1.1 A/hold, 46 A/pull,

Thread size 6.00, **Thread type** mm,

Pull rating 107N at 25.40 mm,

Hold rating 169N, **Plunger** External,

Aux terminal Yes, **Return spring** 7-11N

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090317 Shutdown Solenoid

24 V, 0.3 A/hold, 20 A/pull,

Pull rating 98N at 32.00 mm,

Hold rating 245N, **Plunger** Internal,

Coil commander w/, **Return spring** 45N

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090318 Shutdown Solenoid

12 V, 0.65 A/hold, 37 A/pull,

Pull rating 98N at 32.00 mm,

Hold rating 245N, **Plunger** Internal,

Return spring 45N

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090334 Shutdown Solenoid

Servicing: Sisu Diesel 8366 40253

12 V, Plunger Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090402 Shutdown Solenoid

Servicing: Kubota super 5 series

24 V, Plunger Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.



090430 Shutdown Solenoid

Servicing: Kubota

12 V, Plunger Internal

This solenoid can switch off the pull coil, and no external 'control' is necessary.

Pull Coil Timer Modules



090115 Pull Coil Timer

12 V, No./wires 3



090116 Pull Coil Timer

24 V, No./wires 3

Electro Valve



080787 Electro Valve

12 V, Thread M12-1.5, **Electro valve** Yes



080789 Electro Valve

12 V, Thread 1/2 »-20 UNF, **Electro valve** Yes



080791 Electro Valve

12 V, Thread M14-1.5, **Electro valve** Yes



080792 Electro Valve

24 V, Thread M14-1.5, **Electro valve** Yes

Advance Solenoids



080940 Actuator
Servicing: Fiat, Renault
12 V



080941 Actuator
Servicing: Ford
12 V



080942 Actuator
Servicing: Renault
12 V



081117 Actuator
12 V



081118 Actuator
12 V



081120 Actuator
12 V



081121 Actuator
12 V

Solenoid Stop



080177 Solenoid Stop
12 V, 12 V 2, Filter w/o



080178 Solenoid Stop
24 V, 24 V 2, Filter w/o



080207 Solenoid Stop
12 V, 12 V 2, Filter w/o



080208 Solenoid Stop
24 V, 24 V 2, Filter w/o



080209 Solenoid Stop
12 V, 12 V 2, Filter w/o



080210 Solenoid Stop
24 V, 24 V 2, Ele
ct. connection Connection, Filter w/o



080211 Solenoid Stop
24 V, 24 V 2, Filter w/o



080212 Solenoid Stop
12 V, 12 V 2, Ele
ct. connection Connection, Filter w/o



080595 Solenoid Stop
12 V, 12 V 2, Filter w/o

Pkg. 10



080680 Solenoid Stop
12 V, 12 V 2, Filter w/



080681 Solenoid Stop
24 V, 24 V 2, Filter w/



080873 Solenoid Stop
12 V, 12 V 2, Filter w/o



080926 Solenoid Stop
24 V, 24 V 2



080929 Solenoid Stop
12 V, 12 V 2, Elect. connection Cable, Filter w/o

Pkg. 10



080994 Solenoid Stop
12 V, 12 V 2, Filter w/o
w/o thread on the electrical connection.



080995 Solenoid Stop
12 V, 12 V 2, Elect. connection Multiplug, Filter w/o



080996 Solenoid Stop
24 V, 24 V 2, Elect. connection Multiplug, Filter w/o



080998 Solenoid Stop
12 V, 12 V 2, Filter w/o



081000 Solenoid Stop
12 V, 12 V 2, Type Coil, Function Push, Filter w/o



081001 Solenoid Stop
24 V, 24 V 2, Elect. connection Cable, Function Pull, Filter w/o Insulated.



081002 Solenoid Stop
24 V, 24 V 2, Elect. connection Cable, Function Push, Filter w/o Insulated.



081166 Solenoid Stop
12 V, 12 V 2, Filter w/o

Pumps & Pump Parts

Electrical Bilge Pumps

**070154** Bilge Pump

12 V, 5 A, Dim. 94.5x59 mm,
Hose connection 19 mm,
Lift height 4 m, Type Bilge,
Pump housing ABS plastic,
Pump shaft Stainless steel,
Capacity 32 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 8849/8846, Weight 0.4
Model UP500. Completely submersible bilge pump. Compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

**070155** Bilge Pump

12 V, 10 A, Dim. 124.7x78 mm,
Hose connection 28.6 mm,
Lift height 4 m, Type Bilge,
Pump housing ABS plastic,
Pump shaft Stainless steel,
Capacity 63 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 8849/8846, Weight 0.8
Model UP1000. Completely submersible bilge pump. compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

**070156** Bilge Pump

12 V, 20 A, Dim. 160x96 mm,
Hose connection 26.5 mm,
Lift height 4 m, Type Bilge,
Pump housing ABS plastic,
Pump shaft Stainless steel,
Capacity 95 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 8849/8846, Weight 1.3
Model UP1500. Completely submersible bilge pump. compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

**070157** Bilge Pump

12 V, 25 A, Dim. 200x96 mm,
Hose connection 31.8 mm,
Lift height 4 m, Type Bilge,
Pump housing ABS plastic,
Pump shaft Stainless steel,
Capacity 126 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 8849/8846, Weight 1.8
Model UP2000. Completely submersible bilge pump. compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

**070185** Bilge Pump

24 V, 10 A, Dim. 160x96 mm,
Hose connection 26.5 mm,
Lift height 4 m, Type Bilge,
Pump housing ABS plastic,
Pump shaft Stainless steel,
Capacity 95 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 8849/8846, Weight 1.3
Model UP1500. Completely submersible bilge pump. compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

**070186** Bilge Pump

24 V, 15 A, Dim. 200x96 mm,
Hose connection 31.8 mm,
Lift height 4 m, Pump housing ABS plastic, Pump shaft Stainless steel,
Capacity 126 l/min, Pressure 0.45 bar,
Pressure 6.5 psi, Gasket Ceramic,
ISO norm 1 8849/8846, Weight 1.8
Model UP2000. Completely submersible bilge pump. compact design w/ ABS material housing, corrosion resistant. Shaft seal made of ceramic and graphite which ensures lubrication and leak resistance. Water inlet strainer slots will screen particles present in the bilge allowing easy running. Pump body can be dismantled by a simple snap-off movement for easy inspection and cleaning.

Accessories

**070160** Automatic Float Switch

12/24 V, 10 A, Dim. 113x83x62 mm,
Height/closed 22 mm,
Height/open 57 mm, Floating switch w/
Made of corrosion resistant materials.

Electrical Water Pumps



070144 Water Pump

Servicing: Renault

12 V, 20 A, Dim. 176x120x94 mm,
Hose connection 25 mm,
Type 2 Impeller, Impeller Rubber,
Pump housing Brass,
Pump shaft Stainless steel,
Capacity 35 l/min, Pressure 0.8 bar,
Pressure 11.6 psi, Non return valve Yes,
ISO norm 8849/8846

Model UP1-N. Self priming (1.5 m) electric water pump w/ self-lubricating flexible impeller for prolonged service life and better performance. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 1/2" BSP inner thread and ID 25 mm. bore hose connections. Main application: as a bilge pump.



070145 Water Pump

24 V, 15 A, Dim. 176x120x94 mm,
Hose connection 25 mm,
Type Water, Type 2 Impeller,
Impeller Rubber, Pump housing Brass,
Pump shaft Stainless steel,
Capacity 35 l/min, Pressure 0.8 bar,
Pressure 11.6 psi, Non return valve Yes,
ISO norm 8849/8846

Model UP1-N. Self priming (1.5 m) electric water pump w/ self-lubricating flexible impeller for prolonged service life and better performance. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 1/2" BSP inner thread and ID 25 mm. bore hose connections. Main application: as a bilge pump.



070153 Water Pump

Servicing: Opel

12 V, 10 A, Dim. 163x249x118 mm,
Hose connection 13 mm,
Type 2 Gear, Pump housing Brass,
Pump shaft Stainless steel, Pinion PTFE,
Capacity 14 l/min, Pressure 2 bar,
Pressure 29 psi, Filter w/,
Non return valve Yes, Weight 2.2
Model UP6/ oil. Self-priming 1.5 m.
Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. professional model complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines. Pump body made of brass w/ bronze gears, stainless steel shaft and a rubber lip seal.



070172 Water Pump

24 V, 5 A, Dim. 163x249x118 mm,
Hose connection 14 mm, Type Water,
Type 2 Gear, Pump housing Brass,
Pump shaft Stainless steel, Pinion PTFE,
Capacity 14 l/min, Pressure 2 bar,
Pressure 29 psi, Filter w/,
Non return valve Yes, Weight 2.2
Model UP4A. Self-priming 1.5 m. Self-priming electric gear pump equipped w/ filter, pressure switch, non-return valve to be used as automatic pump for water pressure system on boats, mobile homes etc. pump body made of brass, bronze gears, stainless steel shaft.

Circulation Type



070192 Circulation Pump

Servicing: Ford, Seat, VW

12 V, Hose connection 20 mm,
Type Water, Type 2 Impeller,
Capacity 14 l/min, Floating switch w/o



070203 Circulation Pump

Servicing: Saab, Scania, Ferrari, Maserati, Opel, Vauxhall

12 V, Hose connection 19 mm,
Type Water, Type 2 Impeller, Filter w/



070206 Circulation Pump

Servicing: Mercedes-Benz

12 V, Hose connection 19 mm,
Type Water, Type 2 Impeller, Filter w/o

Spare Parts



070146 Impeller

Servicing: Cargo 070144, 070145
Impeller Rubber

Accessories



070207 In line Filter

Servicing: Cargo 070153
Diameter: 14 mm.

Electrical Fluid Pumps

**070147** Fluid Pump

Servicing: Main application: transfer of diesel fuel, water antifreeze etc.
12 V, 10 A, Dim. 163x166x95 mm,
Hose connection 13 mm,
Type Gear, **Pump housing** Brass,
Pump shaft Stainless steel, **Pinion** Brass,
Capacity 15 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Filter** w/, **Weight** 1.4
Model UP3. Self-priming electrical pump w/ bronze gears for transfer of various liquids, complete w/ inline filter. Pump body made of brass w/ stainless steel shaft and a rubber lip seal. 3/8" BSP w/ brass connection for ID 14 mm inner tubing.

**070148** Fluid Pump

Servicing: Main application: transfer of diesel fuel, water antifreeze etc.
24 V, 5 A, Dim. 163x166x95 mm,
Hose connection 13 mm,
Type Gear, **Pump housing** Brass,
Pump shaft Stainless steel, **Pinion** Brass,
Capacity 15 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Filter** w/, **Weight** 1.4 kg
Model UP3A. Self-priming 1.5 m. Selfpriming electric gear pump equipped w/ filter, pressure switch, non-return valve to be used as automatic pump for water pressure system on boats, mobile homes etc. Pump body made of brass, bronze gears, stainless steel shaft and a rubber lip seal. For ID 14 mm inner tubing.

**070149** Fluid Pump

Servicing: Main application: transfer of diesel fuel, water antifreeze etc.
12 V, 15 A, Dim. 199x174x108 mm,
Hose connection 16 mm, **Type** 1 Fluid,
Type 2 Gear, **Pump housing** Brass,
Pump shaft Stainless steel, **Pinion** Brass,
Capacity 26 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Filter** w/, **Weight** 3.1
Self-priming electric pump with helical bronze gears, complete with in-line filter. Nickel plated brass body with stainless steel shaft. Ports: 1/2" BSP with brass connection for Ø 16 mm inner tubing.

**070150** Fluid Pump

Servicing: Main application: transfer of diesel fuel, water antifreeze etc.
24 V, 7.5 A, Dim. 199x174x108 mm,
Hose connection 16 mm, **Type** Gear,
Pump housing Brass,
Pump shaft Stainless steel, **Pinion** Brass,
Capacity 26 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Filter** w/, **Weight** 3.1
Self-priming electric pump with helical bronze gears, complete with in-line filter. Nickel plated brass body with stainless steel shaft. Ports: 1/2" BSP with brass connection for Ø 16 mm inner tubing.

**070151** Fluid Pump

12 V, 7.5 A, Dim. 139x108x86 mm,
Hose connection 14 mm, **Type** Gear,
Pump housing Brass,
Pump shaft Stainless steel, **Pinion** Bronze,
Capacity 1 l/min, **Gasket** Rubber,
Non return valve Yes, **Weight** 1.4
Model UP3/ oil. Self-priming 1 m. Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. Complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines. Pump body made of brass w/ bronze gears, stainless steel shaft and a rubber lip seal.

**070152** Fluid Pump

12 V, 10 A, Dim. 166x117x94 mm,
Hose connection 14 mm, **Type** 2 Gear,
Pump housing Brass,
Pump shaft Stainless steel, **Pinion** Bronze,
Capacity 1.25 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Weight** 2.5
Model UP6/ oil. Self-priming 1.5 m. Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. Professional model complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines. Pump body made of brass w/ bronze gears, stainless steel shaft and a rubber lip seal.

**070173** Fluid Pump

24 V, 7.5 A, Dim. 166x117x94 mm,
Hose connection 14 mm, **Type** Gear,
Impeller Rubber, **Pump housing** Brass,
Pump shaft Stainless steel, **Pinion** Bronze,
Capacity 1.25 l/min, **Pressure** 2 bar,
Pressure 29 psi, **Weight** 2.5
Model UP6 w/ oil. Self-priming 1.5 m. Electrical gear pump particularly suitable for the transfer of lubricating oils or viscous liquids. Professional model complete w/ two brass connections for 14 mm inner tube and one additional quick-fit for 8 mm external tubing. The pump can be used for extracting lubricating oil out of oil sumps of engines.

**070208** Electrical Fluid Pump HD

12 V, 30 A, Dim. 212x174x109 mm,
Hose connection 16 mm,
Type 2 Gear, **Pump housing** Brass,
Pump shaft Stainless steel,
Pinion Bronze,
Capacity 40 l/min, **Pressure** 2.5 bar,
Pressure 36 psi, **Filter** w/,
Non return valve Yes, **Weight** 4.3
Model UP12. Self-priming 4 m.



070209 Electrical Fluid Pump HD
24 V, 15 A, **Dim.** 212x174x109 mm,
Hose connection 16 mm,
Type 2 Gear, **Pump housing** Brass,
Pump shaft Stainless steel,
Pinion Bronze,
Capacity 40 l/min, **Pressure** 2.5 bar,
Pressure 36 psi, **Filter** w/,
Non return valve Yes, **Weight** 4.3
Model UP12. Self-priming 4 m.

Spare Parts



070182 Brush Set
Servicing: Cargo 070144, -145, -149, -150,
-152
Length 18.1 mm, **Height** 8.6 mm,
Thickness 5.6 mm

Electrical Fuel Pumps

Interrupter Pumps



070003 Fuel Pump
12 V, **Type** Universal, **Capacity** 113.5 l/h,
Pressure 4-5 psi
Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off.
Prevents flooding and assures satisfactory restarting on the hottest days.
Vertical mounting near tank is preferred.
to 1.1 mtr. Fuel lift.
Inlet/outlet 1/8"-27 thread.
Include Hose nipples Cargo 070009
Fitting instruction.
Fuel delivery capacity: 113.5 litre/h.
Tested at: +60°C
Incl. 2 pcs. 6 mm hose nipples. 8 mm: Cargo 080955. 8 mm angle: Cargo 070181. 10 mm: Cargo 081154.



070004 Fuel Pump
24 V, **Type** Universal, **Capacity** 113.5 l/h,
Pressure 4-5 psi
Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off.
Prevents flooding and assures satisfactory restarting on the hottest days.
Vertical mounting near tank is preferred.
to 1.1 mtr. Fuel lift.
Inlet/outlet 1/8"-27 thread.
Include Hose nipples Cargo 070009
Fitting instruction.
Fuel delivery capacity: 113.5 litre/h.
Tested at: +60°C
Incl. 2 pcs. 6 mm hose nipples. 8 mm: Cargo 080955. 8 mm angle: Cargo 070181.



070058 Fuel Pump
Servicing: Thermo King, Carrier
12 V, **Type** Universal, **Capacity** 113.5 l/h,
Pressure 7-9.5 psi
Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off.
Prevents flooding and assures satisfactory restarting on the hottest days.
Vertical mounting near tank is preferred.
to 1.1 mtr. Fuel lift.
Inlet/outlet 1/8"-27 thread.
Include Hose nipples Cargo 070009
Fitting instruction.
Fuel delivery capacity: 113.5 litre/h.
Tested at: +60°C
Incl. 2 pcs. 6 mm hose nipples. 8 mm: Cargo 080955. 8 mm angle: Cargo 070181. 10 mm: Cargo 081154.



070076 Fuel Pump
12 V, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol,
Capacity 113 l/h, **Pressure** 9-11.5 psi
w/ integral filter.



070134 Fuel Pump
Servicing: New-Holland, Same
12 V, **Thread** In/Out 1/4-18«,
Type Universal, **Capacity** 136 l/h,
Pressure 4-5 psi
Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off.
Prevents flooding and assures satisfactory restarting on the hottest days.
Vertical mounting near tank is preferred.
to 1.1 mtr. Fuel lift.
Inlet/outlet 1/8"-27 thread.
Include Hose nipples Cargo 070009
Fitting instruction.
Fuel delivery capacity: 113.5 litre/h.
Tested at: +60°C

Accessories



070177 Filter
Servicing: Cargo 070003, 070004, 070058, 070134



070183 Filter Kit
Servicing: Thermo King/Carrier pump 6103 W
Filter type Insert
For Cargo 070143.

Pressure Pumps



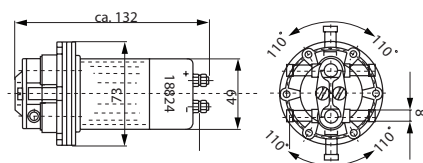
070032 Fuel Pump

12 V, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 120 l/h, **Pressure** 0.2 bar
Hose nipple 8 mm. Suction 1 mtr.
Connectors can be rotated. Fitting instruction included.



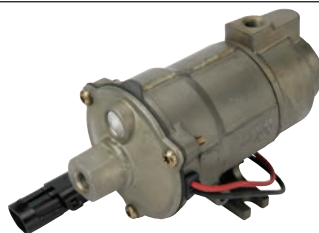
070078 Fuel Pump

12 V, **Type** Universal, **Capacity** 125 l/h, **Pressure** 0.35 bar
Hose nipple 8 mm. Suction 1.5 mtr.
Connectors can be rotated. Fitting instruction included.



070107 Fuel Pump

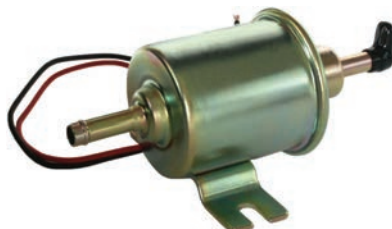
24 V, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 130 l/h, **Pressure** 0.35 bar
Hose nipple 8 mm. Suction 1.5 mtr.
Connectors can be rotated. Fitting instruction included.



070143 Fuel Pump

Servicing: Thermo King/carrier, tested according to SAE J1537

12 V, **Thread** In/Out 1/8« NPSF, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 155 l/h, **Pressure** 0.1 bar
Suction 1.2 mtr. Fitting instruction included.



070161 Fuel Pump

12 V, **Type** Universal, **Capacity** 80-150 l/h, **Pressure** 0.1-0.4 kg, **Pressure** 1.4-5.7 psi
Hose nipple 8 mm.



070213 Fuel Pump

Servicing: Terex, Suzuki
12 V, **Type** In line, **Fuel** Gasoline, **Capacity** min. 60 l/h

High Performance Fuel Pumps



070187 Fuel Pump

12 V, **Thread** In/Out 1/8« - 27NPTF, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 95 l/h, **Pressure** 0.1-0.3 kg, **Pressure** 1.5-4 psi (Solid state pumps).

Universal

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/ fuel-pressure. Not injection. To be mounted near the tank.

The solid state pump is self priming to 30 cm. fuel lift.

W/ electronic contacts.

Fitting instruction included.

Supplied w/ 2 pcs. 6 mm hose connection.



070188 Fuel Pump

12 V, **Thread** In/Out 1/8« - 27NPTF, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 132 l/h, **Pressure** 0.3-0.5 kg, **Pressure** 4-7 psi (Solid state pumps).

Universal

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/ fuel-pressure. Not injection. To be mounted near the tank.

The solid state pump is self priming to 30 cm. fuel lift.

W/ electronic contacts.

Fitting instruction included.

Austauschbare schlauchnippel. Supplied w/ 2 pcs. 6 mm hose connection.



070191 Fuel Pump

12 V, **Thread** In/Out M8, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol, **Capacity** 130 l/h, **Pressure** 0.5-0.7 kg, **Pressure** 7-10 psi (Solid state pumps).

Universal

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/fuel-pressure. Not injection. To be mounted near the tank.

The solid state pump is self priming to 30 cm. fuel lift.

W/ electronic contacts.

Fitting instruction included.

Standard 6 mm hose nipples.

Solid State Pumps



070056 Fuel Pump

Servicing: Caterpillar, IH/Case

24 V, **Type** Universal, **Capacity** 113.5 l/h, **Pressure** 0.3-0.45 kg, **Pressure** 4.5-6 psi

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/fuel-pressure. Not injection. To be mounted near the tank.

The solid state pump is self priming to 30 cm. fuel lift.

Intel/outlet 1/8"-27 thread.

Included Hose nipples Cargo 070009

W/ electronic contacts.

Fitting instruction included.



070057 Fuel Pump

Servicing: Thermo King etc

12 V, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol,

Capacity 34 l/h, **Pressure** 0.7 kg,

Pressure 10 psi

Built in Pressure Relief: assures an immediate return to zero pressure when the ignition is turned off. Prevents flooding and assures satisfactory restarting on the hottest days.

For cars w/fuel-pressure. Not injection.

To be mounted near the tank.

The solid state pump is self priming to 30 cm. fuel lift.

Intel/outlet 1/8"-27 thread.

Included Hose nipples Cargo 070009

W/ electronic contacts.

Fitting instruction included.

Suction Pumps



070019 Fuel Pump

Servicing: Bobcat

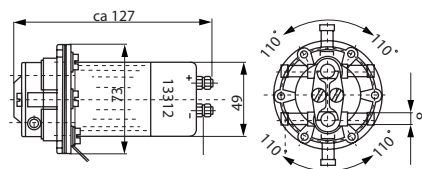
12 V, **Thread** In/Out R-1/4",

Type Universal, **Fuel** Gasoline,

Capacity 120 l/h,

Pressure 0.1 = 1.3 mtr bar

Suction 0.2 bar = 2.7 mtr. Fitting instruction included.



070021 Fuel Pump

Servicing: VW

12 V, **Type** Universal, **Fuel** Gasoline/ diesel, **Capacity** 120 l/h,

Pressure 0.15 bar

Hose nipple 8 mm. Suction 1 mtr.

Connectors can be rotated. Fitting instruction included.



070184 Fuel Pump

Servicing: VW marine

12 V, **Type** Universal, **Fuel** Gasoline, diesel, ethanol, methanol,

Capacity 120 l/h, **Pressure** 0.15 bar

Hose nipple 8 mm. Waterproof. Suction 1 mtr. Connectors can be rotated.

Universal

Hose Nipples

Pkg. 25



070067 Hose Nipple

Servicing: A5T16384

Screw terminal R1/4, **Hose ID** 10 mm



070070 Hose Nipple
Screw terminal M16-1.5, Hose ID 10 mm

Pkg. 25



070077 Hose Nipple
Screw terminal 1/8-27
NPTF, Hose ID 6 mm

Pkg. 25



070181 Hose Nipple
Screw terminal R 1/8, Hose ID 8 mm
90°.

Pkg. 10

Diesel Pump Kits



070162 Diesel Transfer/Filter Kit
12 V, 15 A, Dim. 210x161x120 mm,
Hose connection 25 mm, Type 1 Fluid,
Type 2 Gear, Impeller Steel,
Capacity 45 l/min, Pressure 1.2 bar,
Pressure 17.4 psi, Filter w/
Includes: 2.5 m suction hose. 2.5 m pressure
hose w/ gun. Wired connection w/ alligator
clips. Switch on the pump. Bypass valve on
the pump ensures that it is not overloaded
by closed gun. Not to gasoline.



070175 Diesel Transfer/Filter Kit
24 V, 7.5 A, Dim. 210x161x120 mm,
Hose connection 25 mm, Type 1 Fluid,
Type 2 Gear, Capacity 45.1 l/min,
Pressure 1.2 bar, Pressure 17.4 psi,
Filter w/
2.5 m suction hose w/ filter. 2.5 m pressure
hose w/ gun. 2 m cable w/ alligator clips.
Switch on the pump. Bypass valve on the
pump ensure against overloading. Not for
gasoline.

Cabin Heaters



060210 Cabin Heater
12 V, Water connection OD 16 mm,
Type Complete kit,
Capacity kW/ speed 1 6,
Airflow speed 1 360 m³/h, Weight 3 kg
w/ tube connection and switch.



060211 Cabin Heater
24 V, Water connection OD 16 mm,
Type Complete kit,
Capacity kW/ speed 6,
Airflow speed 360 m³/h, Weight 3 kg
w/ tube connection and switch.



060216 Cabin Heater
12 V, 60 W/speed 1, 77 W/speed 2,
114 W/speed 3, Dim. 330x230x130 mm,
Water connection OD 16 mm,
Cabinet Stainless steel,
Capacity kW/ speed 1 7.2,
Capacity kW/speed 2 9.3,
Capacity kW/speed 3 12.2,
Airflow speed 1 264 m³/h,
Airflow speed 2 357 m³/h,
Airflow speed 3 504 m³/h,
Regulation w/, Weight 6.3 kg
The heater has three 75 mm tube
connections on the air inlet side. There are
also three 75 mm tube connections on the
outlet side. The water connectons can be
placed on either side of the heater and also
be turned towards either the inlet or the
outlet side.



060220 Cabin Heater
24 V, 60 W/speed 1,
77 W/speed 2, 114 W/speed 3,
Dim. 330x230x130 mm,
Water connection OD 16 mm,
Cabinet Stainless steel,
Capacity kW/ speed 1 7.2,
Capacity kW/speed 2 9.2,
Capacity kW/speed 3 12.2,
Airflow speed 1 264 m³/h,
Airflow speed 2 357 m³/h,
Airflow speed 3 504 m³/h, Weight 6.3 kg
The heater has three 75 mm tube
connections on the air inlet side. There are
also three 75 mm tube connctons on the
outlet side. The water connectons can be
placed on either side of the heater and also
be turned towards either the inlet or the
outlet side. Blower: Cargo 160649.



060222 Cabin Heater

12 V, 24 W/speed,
Dim. 267x106x135 mm,
Water connection OD 12 mm,
Type Complete kit, Cabinet Metal,
Capacity kW/ speed 1.9,
Airflow speed 76 m³/h, Weight 3 kg
This Cabin heater is easily installed in small off road vehicles or as auxiliary heater in buses and delivery vans. The heating cycle is controlled by means of the built-in 1/4-turn water valve and the built-in switch.
Heat-On 1331-12.



060223 Cabin Heater

12 V, 230 W/speed 2,
Dim. 310x210x130 mm,
Water connection OD 16 mm,
Type Complete kit, Cabinet Galvanized steel w/black polyester,
Capacity kW/ speed 1 4.3,
Capacity kW/speed 2 6.3,
Capacity kW/speed 3 9.2,
Airflow speed 1 180 m³/h,
Airflow speed 2 288 m³/h,
Airflow speed 3 468 m³/h,
Regulation w/, Weight 5.8 kg
This very powerful cabin heater is used for airrecirculation and has all connections behind a cover allowing hoses and cables to be led in any direction. It has a powerful fan (230 W), controlled by means of a built-in 1/4-turn water valve. Efficient distribution of the air through the adjustable air vents provides for demisting of the cabin screens w/o the use of extra tubes and nozzles.



060233 Cabin Heater

24 V, 230 W/speed,
Dim. 310x210x130 mm,
Water connection OD 16 mm,
Type Complete kit, Cabinet Galvanized steel w/black polyester,
Capacity kW/ speed 1 4.3,
Capacity kW/speed 2 6.3,
Capacity kW/speed 3 9.2,
Airflow speed 1 180 m³/h,
Airflow speed 2 288 m³/h,
Airflow speed 3 468 m³/h,
Regulation w/, Weight 5.8 kg



060235 Cabin Heater

24 V, 60 W/speed 1,
77 W/speed 2, 114 W/speed 3,
Dim. 365x235x130 mm,
Water connection OD 16 mm,
Type Complete kit, Cabinet Metal,
Capacity kW/ speed 1 7.2,
Capacity kW/speed 2 9.3,
Capacity kW/speed 3 12.2,
Airflow speed 1 264 m³/h,
Airflow speed 2 357 m³/h,
Airflow speed 3 504 m³/h,
Regulation w/, Weight 6.3 kg
Especially suitable for heating the passenger room in for instance buses.



060241 Cabin Heater

Servicing: Delivery vans, excavators, park tractors
12 V, 75 W/speed,
Dim. 273x114x199 mm,
Water connection OD 16 mm,
Type Complete kit, Cabinet Shockproof plastic, Capacity kW/speed 2 4.3,
Airflow speed 2 230 m³/h,
Regulation w/, Weight 1.7 kg
Radiator: copper/aluminium.

Heater Motors



060059 Cabin Heater Motor

12 V, 24 W, Dim. 72 mm, Dia. 70 mm,
Shaft dia. 6.35x16 mm, Mount. 3 holes,
Length 63 mm, Speed 1-speed,
No./shafts 1, Fan mounted No
Heat-on 1531M-2412.



060060 Cabin Heater Motor

24 V, 24 W, Dia. 70 mm,
Shaft dia. 6.35x16 mm, Mount. 3 holes,
Length 63 mm, Speed 1-speed,
No./shafts 1, Fan mounted No
Heat-on 1531M-2424.



060213 Cabin Heater Motor

Servicing: Cargo 060210
12 V, 50 W, Dia. 70 mm,
Shaft dia. 6.35x16 mm, Mount. 3 holes,
Length 63 mm, Speed 2-speed
Heat-on 1351M-5012.



060214 Cabin Heater Motor

Servicing: Cargo 060211
24 V, 50 W, Dia. 70 mm,
Shaft dia. 6.35x16 mm, Mount. 3 holes,
Length 63 mm, Speed 1-speed
Heat-on 1531M-5024.

Connectors



060229 Round Air Vent
ID 70/76 mm, OD 101 mm
Heat-on 66231.

Spare Parts



060215 Fan
Servicing: Cargo 060210, 060211
OD 120 mm
Heat-on 1531-10.

Accessories



060058 Defroster Set
Servicing: Cargo 060210, 060211
ID/demister tube connection 45 mm,
Demister tube length 160 cm,
Rubber elbows 2, Demist nozzles 2
Heat-on 1518.



060219 Air Distribution Kit
Servicing: Cargo 060216, 060220
Demister tube ID 75 mm,
Demister tube length 620 cm
Heat-on 3050-30.



060227 Water Valve
Demister tube ID 1/4 mm,
ID/demister tube connection 16 mm,
Demister tube length 11.2 cm
Heat-on 2100.

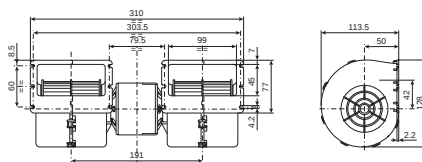


060237 Demister Tube
Demister tube ID 50 mm

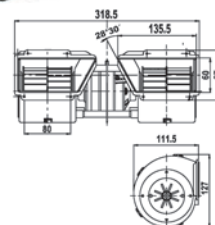
Fans & Blowers

Blowers

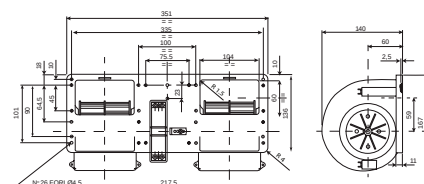
Centrifugal Type



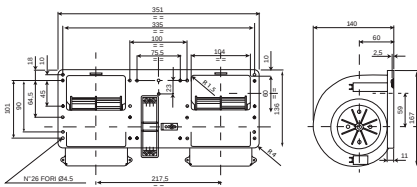
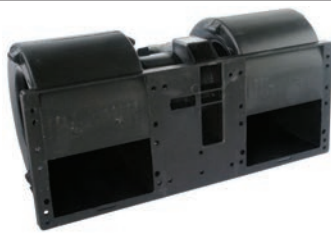
160483 Centrifugal Blower
Servicing: Cargo 060216
12 V, Dim. 113.1x127.5 mm,
Shaft dia. 50.1 mm, Length 310 mm,
Speed 3-speed, Capacity 750 m³,
Pressure 0 psi



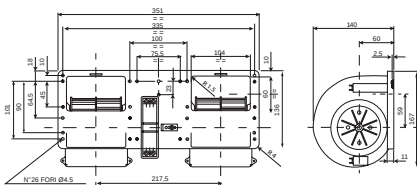
160510 Centrifugal Blower
Servicing: New Holland tractors
12 V, Dia. 111.7x124.6 mm,
Shaft dia. 54.9 mm, Length 317 mm,
Speed 3-speed, Capacity 650 m³,
Pressure 0 psi



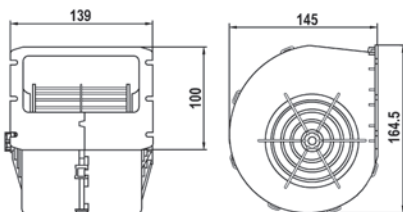
160511 Centrifugal Blower
Servicing: Deutz Tractors, New Holland
12 V, 34 A, Dia. 139.8x167.5 mm,
Shaft dia. 60 mm, Length 351 mm,
Speed 1-speed, Capacity 840 m³,
Pressure 0 psi
This model have to be used w/ a static
pressure that is higher than 0.1 psi.
(pressure cabins).



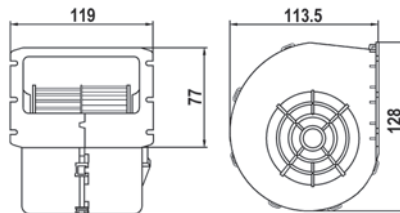
160512 Centrifugal Blower
24 V, Dia. 139.8x167.5 mm,
Shaft dia. 60 mm, Length 351 mm,
Speed 3-speed, Capacity 1160 m³,
Pressure 0 psi



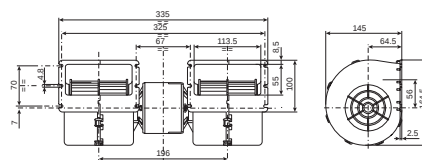
160557 Centrifugal Blower
24 V, Dia. 139.8x167.5 mm,
Shaft dia. 60 mm, Length 351 mm,
Speed 3-speed, Capacity 1050 m³,
Pressure 0 psi, No./fans 2



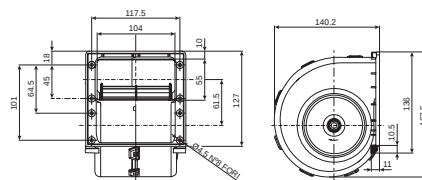
160592 Centrifugal Blower
12 V, 19.6 A, Dia. 146x163.9 mm,
Shaft dia. 65 mm, Length 139 mm,
Speed 3-speed, Capacity 540 m³,
Pressure 0 psi



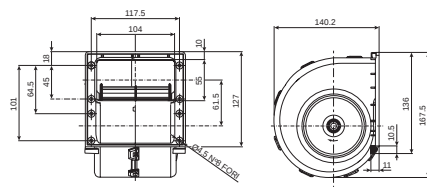
160593 Centrifugal Blower
12 V, Dia. 113.1x127.5 mm,
Shaft dia. 50.1 mm, Length 119 mm,
Speed 3-speed, Capacity 260 m³,
Pressure 0 psi



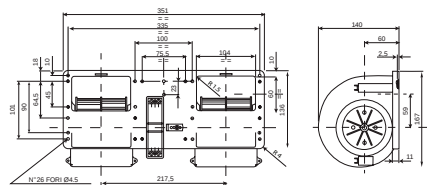
160594 Centrifugal Blower
24 V, Dia. 146x163.9 mm,
Shaft dia. 65 mm, Length 335 mm,
Speed 3-speed, Capacity 1050 m³,
Pressure 0 psi



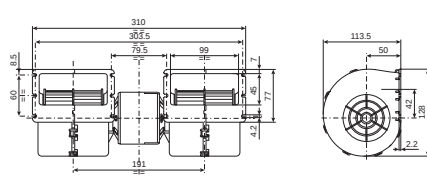
160596 Centrifugal Blower
24 V, 11.1 A, Dia. 140.2x167.8 mm,
Shaft dia. 60.4 mm, Length 133.5 mm,
Speed 3-speed, Capacity 530 m³,
Pressure 0 psi



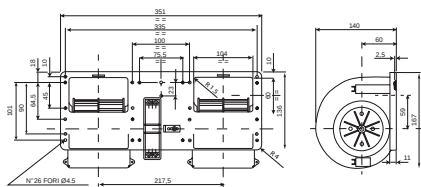
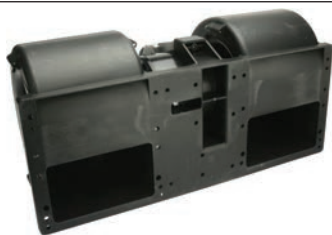
160639 Centrifugal Blower
12 V, 19.9 A, Dia. 140.2x167.8 mm,
Shaft dia. 60.4 mm, Length 133.5 mm,
Speed 3-speed, Capacity 510 m³,
Pressure 0 psi



160647 Centrifugal Blower
12 V, 17.2 A, Dia. 139.8x167.5 mm,
Shaft dia. 60 mm, Length 351 mm,
Speed 3-speed, Capacity 910 m³,
Pressure 0 psi



160649 Centrifugal Blower
Servicing: Cargo O60220
24 V, Dia. 113.1x127.5 mm,
Shaft dia. 50.1 mm, Length 310 mm,
Speed 3-speed, Capacity 750 m³,
Pressure 0 psi, Complete w/housing Yes

**160878** Centrifugal Blower

Servicing: Volvo

24 V, Dia. 139.8x167.5 mm,
Shaft dia. 60 mm, Length 351 mm,
Speed 4-speed, Capacity 1050 m³,
No./fans 2, Complete w/housing Yes

Fan/Heater Motors**Universal****Single Shafts****160005** Universal Motor

12 V, 40 W, Dia. 60 mm,
Shaft dia. 8x22 mm, Length 121 mm,
Revolutions 2000 min, Speed 1-speed
Universal.

**160006** Universal Motor

24 V, 40 W, Dia. 60 mm,
Shaft dia. 8x22 mm, Length 121 mm,
Revolutions 2000 min, Speed 1-speed
Universal.

**160674** Universal Motor

12 V, Dim. 58x107 mm, Dia. 51 mm,
Length 107 mm
Universal.

**160734** Blower motor

Servicing: Volvo

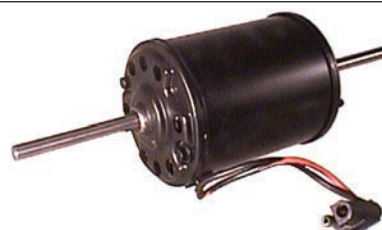
12 V, Dia. 73 mm, Shaft dia. 8 mm,
Length 148 mm, No./shafts 1,
Fan mounted No,
Complete w/housing No

Double Shafts**160250** Universal Motor

12 V, Dia. 90 mm, Shaft dia. 10x110 mm,
Length 105 mm, Speed 3-speed,
No./shafts 2
Universal.

**160251** Universal Motor

24 V, Dia. 90 mm, Shaft dia. 10x110 mm,
Length 107 mm, Speed 3-speed,
No./shafts 2
Universal.

**160252** Universal Motor

24 V, Dia. 82 mm, Shaft dia. 80x65 mm,
Length 102 mm, Speed 1-speed,
No./shafts 2
Universal.

**160253** Universal Motor

12 V, Dia. 76 mm, Shaft dia. 80x83 mm,
Length 86 mm, Speed 3-speed,
No./shafts 2
Universal.

**160622** DC Motor

Servicing: Massey Ferguson tractors 3070

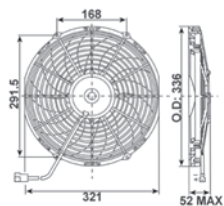
12 V, Dia. 73 mm, Shaft dia. 8x51 mm,
Length 223 mm, Revolutions 3100 min,
Type Blowing, No./shafts 2
Universal.

**160626** DC Motor

Servicing: Fiat tractors

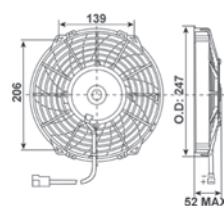
12 V, Dia. 59.5 mm, Shaft dia. 8 mm,
Length 198 mm, Revolutions 4000 min,
Type Blowing, No./shafts 2
Universal.

Axial Fans



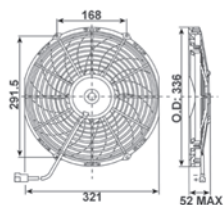
160536 Axial Fan

12 V, 6.2 A, Dia. 305 mm, Type Blowing, Capacity 1590 m³, Fan mounted Yes, Tightness norm IP 68



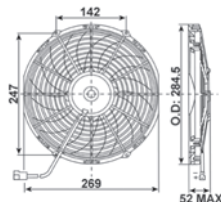
160537 Axial Fan

12 V, 6.7 A, Dia. 225 mm, Type Suction, Capacity 1060 m³, Fan mounted Yes, Tightness norm IP 68



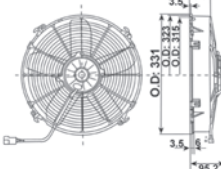
160538 Axial Fan

12 V, 6.7 A, Dia. 305 mm, Type Suction, Capacity 1540 m³, Fan mounted Yes, Tightness norm IP 68



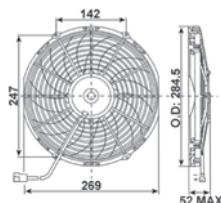
160539 Axial Fan

12 V, 8.7 A, Dia. 255 mm, Type Suction, Capacity 1360 m³, Fan mounted Yes, Tightness norm IP 68



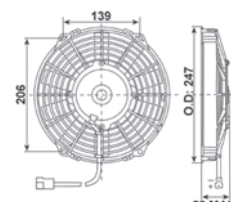
160584 Axial Fan

24 V, 7.4 A, Dia. 305 mm, Type Suction, Capacity 2900 m³, Fan mounted Yes, Tightness norm IP 68



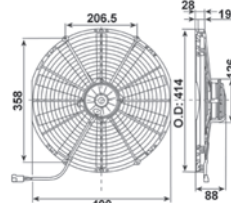
160587 Axial Fan

24 V, 3.9 A, Dia. 255 mm, Type Suction, Capacity 1300 m³, Tightness norm IP 68



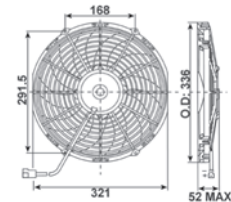
160588 Axial Fan

24 V, 4.1 A, Dia. 225 mm, Type Blowing, Capacity 1080 m³, Fan mounted Yes, Tightness norm IP 68



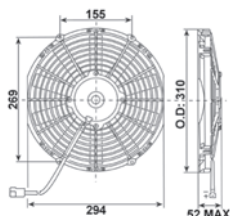
160595 Axial Fan

24 V, 8.7 A, Dia. 385 mm, Type Blowing, Capacity 3540 m³, Tightness norm IP 68

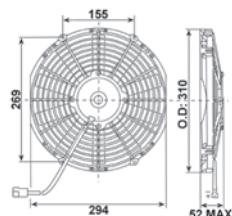


160597 Axial Fan

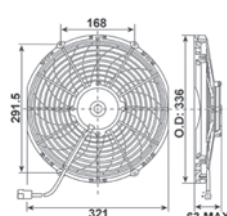
24 V, 3.9 A, Dia. 255 mm, Type Blowing, Capacity 1180 m³, Fan mounted Yes, Tightness norm IP 68

**160598** Axial Fan

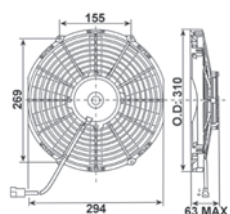
12 V, 7.8 A, Dia. 280 mm, Type Suction, Capacity 1390 m³, Fan mounted Yes, Tightness norm IP 68

**160601** Axial Fan

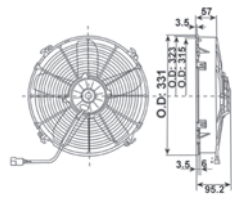
12 V, 7.7 A, Dia. 280 mm, Type Blowing, Capacity 1400 m³, Fan mounted Yes, Tightness norm IP 68

**160737** Axial Fan

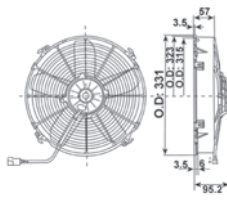
24 V, 6 A, Dia. 305 mm, Type Blowing, Capacity 2240 m³, No./fans 1, Fan mounted Yes, Tightness norm IP 68

**160599** Axial Fan

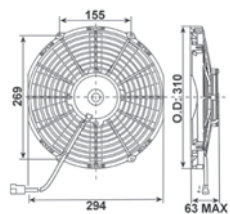
24 V, 4.4 A, Dia. 280 mm, Type Suction, Capacity 1690 m³, Fan mounted Yes, Tightness norm IP 68

**160619** Axial Fan

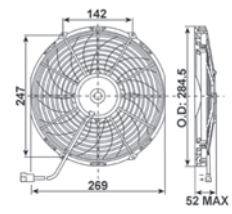
24 V, 7.8 A, Dia. 305 mm, Type Blowing, Capacity 2440 m³, No./fans 1, Fan mounted Yes, Tightness norm IP 68

**160739** Axial Fan

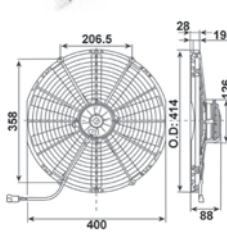
12 V, 15.6 A, Dia. 305 mm, Type Suction, Capacity 2430 m³, No./fans 1, Fan mounted Yes, Tightness norm IP 68

**160600** Axial Fan

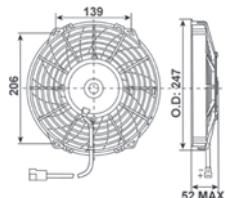
24 V, 4.1 A, Dia. 280 mm, Type Blowing, Capacity 1570 m³, Tightness norm IP 68

**160714** Axial Fan

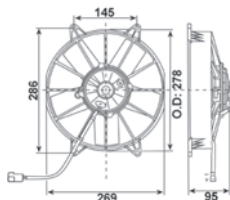
24 V, 3.7 A, Dia. 255 mm, Type Blowing, Capacity 1400 m³, No./fans 1, Tightness norm IP 68

**160777** Axial Fan

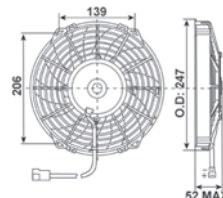
24 V, 9.3 A, Dia. 385 mm, Type Suction, Capacity 3440 m³, No./fans 1, Tightness norm IP 68



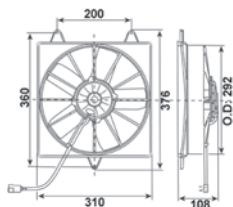
160799 Axial Fan
24 V, 4 A, Dia. 225 mm, Type Suction,
Capacity 1170 m³, Fan mounted Yes,
Tightness norm IP 68



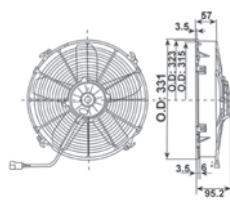
160907 Axial Fan
24 V, 5.7 A, Dia. 255 mm, Type Suction,
Capacity 1990 m³, Fan mounted Yes,
Tightness norm IP 68



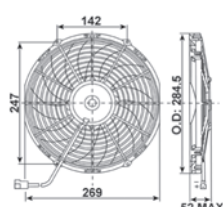
160910 Axial Fan
12 V, 7.2 A, Dia. 225 mm, Type Blowing,
Capacity 1080 m³, Fan mounted Yes,
Tightness norm IP 68



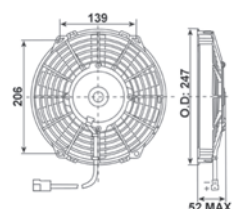
160885 Axial Fan
12 V, 12.7 A, Dia. 280 mm,
Type Suction, Capacity 2390 m³,
Fan mounted Yes, Tightness norm IP 68



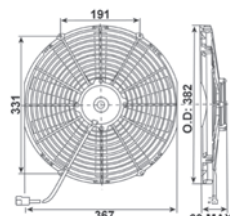
160908 Axial Fan
24 V, 7.1 A, Dia. 305 mm, Type Blowing,
Capacity 2760 m³, Fan mounted Yes,
Tightness norm IP 68



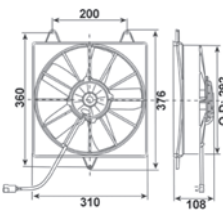
160911 Axial Fan
12 V, 7.6 A, Dia. 255 mm, Type Blowing,
Capacity 1430 m³, Fan mounted Yes,
Tightness norm IP 68



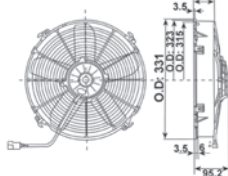
160906 Axial Fan
24 V, 3.7 A, Dia. 225 mm, Type Suction,
Capacity 1070 m³, Fan mounted Yes,
Tightness norm IP 68



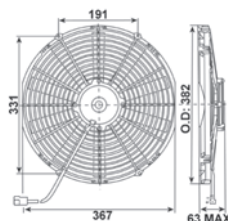
160909 Axial Fan
24 V, 4.9 A, Dia. 350 mm, Type Suction,
Capacity 2170 m³, Fan mounted Yes,
Tightness norm IP 68



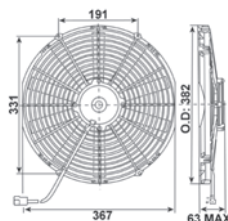
160912 Axial Fan
12 V, 11.4 A, Dia. 280 mm,
Type Blowing, Capacity 2280 m³,
Fan mounted Yes, Tightness norm IP 68

**160913** Axial Fan

12 V, 15.3 A, Dia. 305 mm,
Type Blowing, Capacity 2340 m³,
Fan mounted Yes, Tightness norm IP 68

**160914** Axial Fan

12 V, 9.5 A, Dia. 350 mm, Type Suction,
Capacity 2220 m³, Fan mounted Yes,
Tightness norm IP 68

**160915** Axial Fan

12 V, 8.7 A, Dia. 350 mm, Type Blowing,
Capacity 2140 m³, Fan mounted Yes,
Tightness norm IP 68

Accessories

**160966** Mount. kit

Total length 180, Washer w/

Wiper Systems

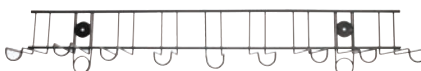
Wiper Blades

For Passenger Cars

Standard Type



160628	280 mm	11"
160633	330 mm	13"
160635	350 mm	14"
160638	380 mm	15"
160641	410 mm	16"
160643	430 mm	17"
160645	450 mm	18"
160648	480 mm	19"
160650	500 mm	20"
160653	530 mm	21"
160655	550 mm	22"
160661	610 mm	24"

**160586** Wiper Blade Display W/O

CARGO SIGN

Servicing: Passenger cars

Spoiler



160741	400 mm	16"
160745	450 mm	18"
160748	480 mm	19"
160750	510 mm	20"
160753	530 mm	22"
160755	550 mm	22"
160761	610 mm	24"
160766	660 mm	26"
160771	710 mm	28"

For Trucks



160321 ...	400 mm	16"
160322 ...	450 mm	18"
160323 ...	500 mm	20"
160325 ...	600 mm	24"
160326 ...	600 mm	24"
160327 ...	650 mm	26"
160328 ...	700 mm	28"
160329 ...	800 mm	32"
160330 ...	1000 mm	40"
160370 ...	650 mm	26"
160411 ...	700 mm	28"

Industrial



160019 ...	300 mm	12"
160025 ...	360 mm	14"
160026 ...	400 mm	16"
160028 ...	330 mm	13"
160035 ...	350 mm	14"

Wiper Arms

**160022** Wiper Arm

Dim./wiper arm 8x2 mm,
Mount./wiper shaft dim. 6 mm,
Length 390 mm, Type Single



160023 Wiper Arm

Servicing: Opel

Dim./wiper arm 8x2 mm,
Mount./wiper shaft dim. 6 mm,
Length 420 mm, Type Single



160024 Wiper Arm

Servicing: Opel

Dim./wiper arm 8x2.5 mm,
Mount./wiper shaft dim. 6 mm,
Length 450 mm, Type Single



160256 Wiper Arm

Mount./wiper shaft dim. M6 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 450 mm, Length/adjustable No
Wiper motor: Cargo 160258, 160290, 160291, 160357, 160408.



160257 Wiper Arm

Mount./wiper shaft dim. M6 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 400 mm, Length/adjustable No, Type Parallel
Usable w/ Cargo 160258, 160290, 160291, 160357, 160408.



160338 Wiper Arm

Servicing: Cargo 160727

Mount./wiper shaft dim. 2 x 8 mm cone, Dist./wiper arms 55 mm,
Length 700 mm, Length/adjustable No, Type Parallel
Usable w/ wiper motor: Cargo 160340, 160345.



160339 Wiper Arm

Mount./wiper shaft dim. 6 mm + M8 shaft, Dist./wiper arms 57 mm,
Length 400 mm
Length/adjustable No, Type Parallel
Wiper motor: Cargo 160292, 106293.



160358 Wiper Arm

Mount./wiper shaft dim. M6 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 500 mm, Length/adjustable No
Wiper motor: Cargo 160258, 160290, 160291, 160357, 160408.



160359 Wiper Arm

Mount./wiper shaft dim. M6 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 550 mm, Length/adjustable No, Type Parallel
Wiper motor: Cargo 160258, 160290, 160291, 160357, 160408.



160484 Wiper Arm

Mount/wiper blade 9x2.5 mm hook, Mount./wiper shaft dim. M6 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 340-420 mm, Length/adjustable Yes, Type Parallel
Usable w/ Cargo 160258, 160480.



160485 Wiper Arm

Mount/wiper blade 9x2.5 mm hook, Mount./wiper shaft dim. M8 cone + M8 shaft, Dist./wiper arms 57 mm,
Length 430-500 mm, Length/adjustable Yes, Type Parallel



160486 Wiper Arm

Mount/wiper blade 9 x 3 mm hook, Mount./wiper shaft dim. M8 cone, Length 340-420 mm, Length/adjustable Yes, Type Single



160487 Wiper Arm

Mount/wiper blade 9 x 3 mm hook, Mount./wiper shaft dim. M8 cone, Length 430-500 mm, Length/adjustable Yes, Type Single

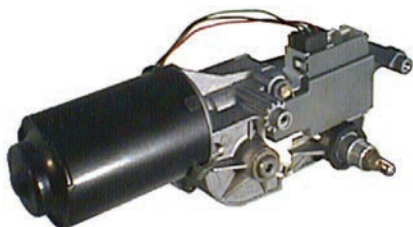


160571 Wiper Arm
Mount./wiper shaft dim. 2 x 8 mm
cone, Dist./wiper arms 60 mm,
Length 680 mm, Type Parallel

Wiper Motors



160150 Wiper Motor
Servicing: Fiat 127, Lada 2101
12 V, Type OE.



160376 Wiper Motor
Servicing: Fiat Uno
12 V, Type OE.



160395 Wiper Motor
Servicing: Nissan Patrol 86-93
12 V, Type OE., Position Rear windscreen



160396 Wiper Motor
Servicing: Nissan Patrol 86-93
24 V, Position Rear windscreen

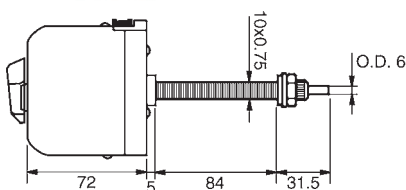
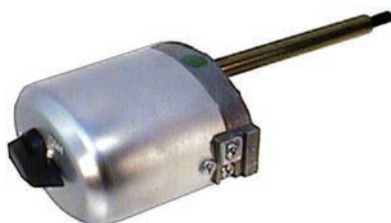


160671 Wiper Motor
Servicing: Citroen, Fiat, Peugeot
12 V, Position Front windscreen

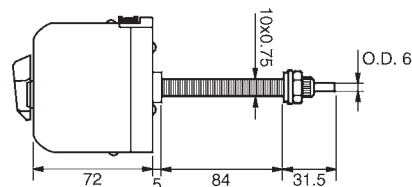
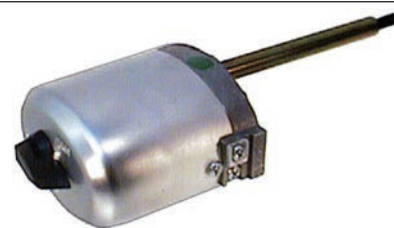


160881 Wiper Motor
Servicing: TEREX/SCHAEFF 5388665196
12 V, Shaft length 38 mm,
Wiper shaft w/ 1 Shaft, Type OE.,
Built in switch No, Auto stop Yes,
Auto stop/placement Left side

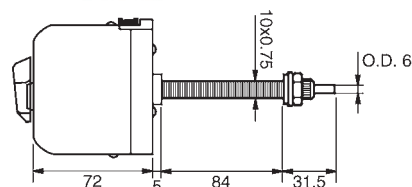
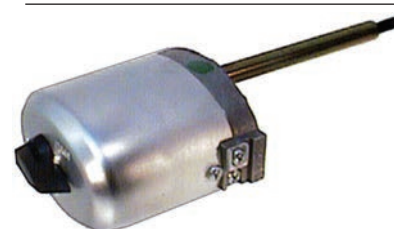
Universal



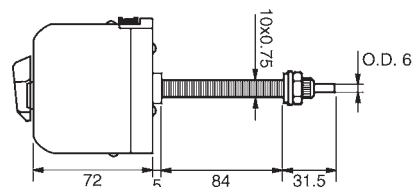
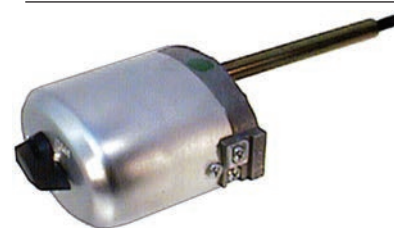
160031 Wiper Motor
12 V, Wiper angle 85 °, Type Universal,
Built in switch Yes, Auto stop No
Fitted w/ an interchangeable bearing
allowing the shaft to be cut in any size.



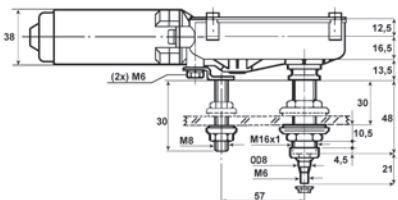
160032 Wiper Motor
24 V, Wiper angle 85 °, Type Universal,
Built in switch Yes, Auto stop No
Fitted w/ an interchangeable bearing
allowing the shaft to be cut in any size.



160033 Wiper Motor
12 V, Wiper angle 110 °, Type Universal,
Built in switch Yes, Auto stop No
Fitted w/ an interchangeable bearing
allowing the shaft to be cut in any size.

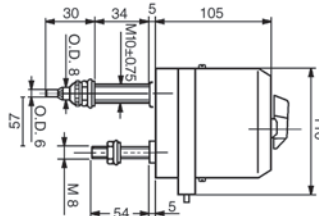


160034 Wiper Motor
24 V, Wiper angle 110 °, Type Universal,
Built in switch Yes, Auto stop Yes
Fitted w/ an interchangeable bearing
allowing the shaft to be cut in any size.

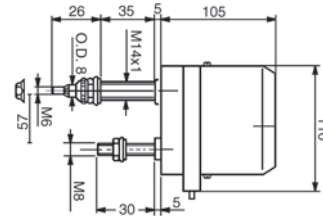


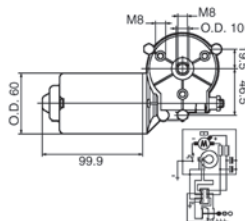
Technical drawing of a mechanical assembly with dimensions:

- Overall length: 105
- Overall height: 110
- Top section dimensions: 26, 35, 5
- Thread specifications: M4x1, M6, M8
- Other dimensions: 4.5, 30, 5

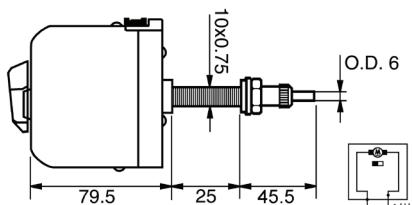


Technical drawing of a lathe tool post. The main view shows a side profile with dimensions: total height 121.5, mounting hole diameter $\varnothing 10$, and mounting hole spacing 43. The base has a central hole with diameter $\varnothing 10$ and a mounting hole with diameter $\varnothing 8$. The base width is 55. The drawing includes two wiring diagrams: 'One speed' and 'Two speed'. The 'One speed' diagram shows a single switch controlling a motor. The 'Two speed' diagram shows a two-position switch controlling a motor with two different speed settings, indicated by different winding connections.

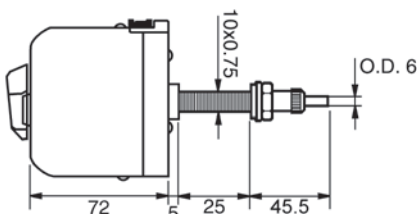
[illegible]



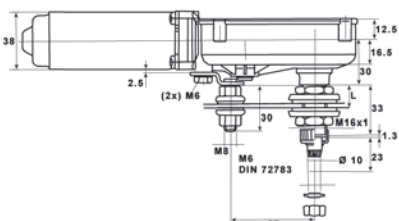
160504 Wiper Motor
24 V, Type Universal, Auto stop Yes



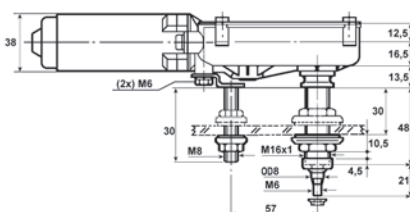
160506 Wiper Motor
12 V, Wiper angle 110 °,
Wiper shaft w/ 1 Shaft, Type Universal,
Built in switch Yes
Moment: 0.8NM.



160558 Wiper Motor
12 V, Wiper angle 85 °,
Wiper shaft w/ 1 Shaft, Type Universal,
Position Rear windscreen,
Built in switch Yes
Black motor.



160659 Wiper Motor
12 V, Wiper angle 85 °,
Dist./shafts 57 mm, Wiper shaft w/ 2 M8
shafts for parallelogram, Type Universal,
Built in switch No, Auto stop Yes
1 speed.



160725 Wiper Motor
12 V, Wiper angle 90 °,
Dist./shafts 57 mm, Wiper shaft w/ 2 M8
shafts for parallelogram, Type Universal,
Built in switch Yes, Auto stop Yes,
Auto stop/placement Right side

Windscreen Washers

Kits



160186 Washer Kit
12 V, Type Complete kit,
Capacity 140 ml/min, Can capacity 1.2 l,
Can w/
Pump: Cargo 160386. Measurements
130x190x100 mm.



160273 Washer Kit
24 V, Type Complete kit,
Can capacity 1.2 l, Can w/
Washer motor: Cargo 160360.

Tanks

12V



160187 Washer Tank
12 V, Type Can, Can capacity 3 l,
Can w/
Sprinkler pump: Cargo 160360. Dim:
200x207x100 mm.



160973 Washer Tank 12v
12 V, Type Can, Can capacity 1.2 l,
Can w/
Pump: Cargo 160386. Measurements
130x190x100 mm.

24V



160188 Washer Tank
24 V, Type Can, Can capacity 3 l,
Can w/
Washer motor: Cargo 160360.



160967 Washer Tank
24 V, Type Can, Can capacity 2.1 l,
Can w/ pump
Doga ref. 232.2001.30.00.

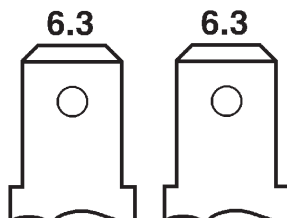
Pumps



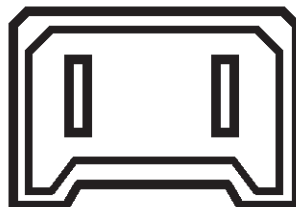
160197 Washer Pump
Servicing: Porsche, Opel, Mercedes, Volvo,
Ford, Volkswagen, Alfa Romeo, Audi, BMW,
Fiat, Ford, Lancia, Mercedes-Benz, Opel
12 V, Type Standard, Pump type Single,
Capacity 2400 ml/min



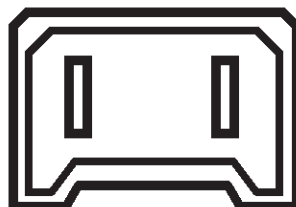
160198 Washer Pump
Servicing: Scania, Mercedes-Benz, Opel
24 V, Type Universal, Pump type Single,
Capacity 2400 ml/min



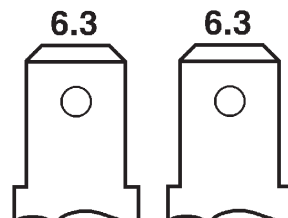
160223 Washer Pump
Servicing: Peugeot 104, 504
12 V, Type Universal, Pump type Single,
Capacity 1500 ml/min
For independent mounting in engine
compartment.



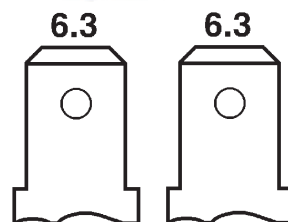
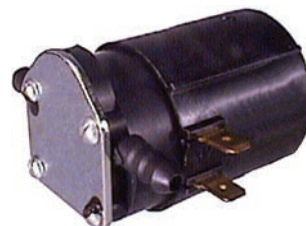
160289 Washer Pump
Servicing: Peugeot, Citroen, Renault
24 V, Pump type Single,
Capacity 1500 ml/min, Quality HD



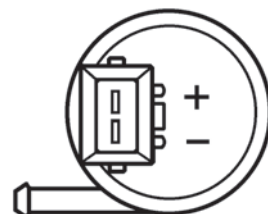
160332 Washer Pump
Servicing: Peugeot, Citroen, Renault
12 V, Pump type Single,
Capacity 1500 ml/min, Quality HD



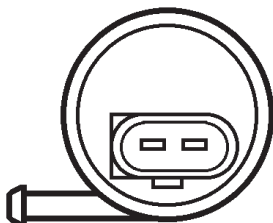
160360 Washer Pump
Servicing: Rover Group, Honda
12 V, Type Universal, Pump type Single,
Capacity 1400 ml/min



160361 Washer Pump
Servicing: Skoda Favorit
12 V, Type Standard, Pump type Single,
Capacity 1200 ml/min
Replacing original pump 115930290 on
Skoda Favorit.



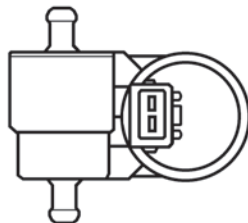
160378 Washer Pump
Servicing: Ford, Opel, Seat, VW
12 V, Pump type Single,
Capacity 2200 ml/min



160379 Washer Pump

Servicing: Mercedes-Benz

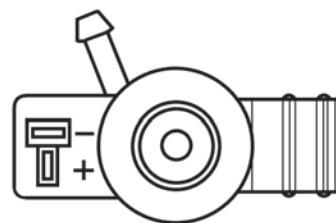
12 V, **Type** Standard, **Pump type** Single, **Capacity** 2200 ml/min



160382 Washer Pump

Servicing: Ford, Opel, Seat, Vauxhall, VW

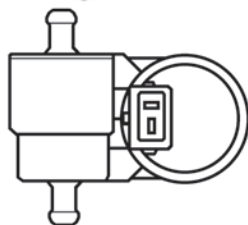
12 V, **Type** Universal, **Pump type** Dual, **Capacity** 2400 ml/min



160386 Washer Pump

Servicing: Honda Accord, Peugeot (UK), Ford

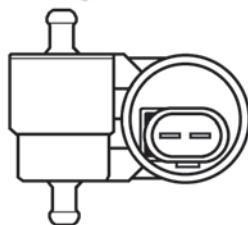
12 V, **Type** Universal, **Pump type** Single, **Capacity** 1800 ml/min



160380 Washer Pump

Servicing: Volkswagen, Opel, Seat, Ford

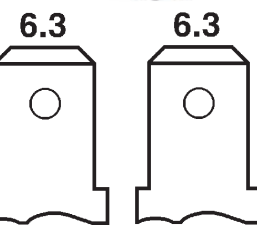
12 V, **Type** Universal, **Pump type** Dual, **Capacity** 2400 ml/min



160383 Washer Pump

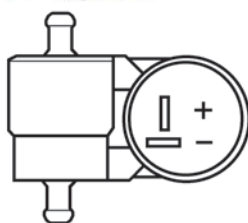
Servicing: VW, Smart, Seat, Audi, BMW

12 V, **Type** Universal, **Pump type** Dual, **Capacity** 2200 ml/min



160507 Washer Pump

24 V, **Type** Universal, **Pump type** Single, **Capacity** 1500 ml/min



160381 Washer Pump

Servicing: Fiat, Vauxhall, Audi, Ford, Opel, VW, Wartburg

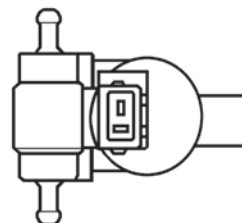
12 V, **Type** Universal, **Pump type** Dual, **Capacity** 2000 ml/min



160385 Washer Pump

Servicing: GM, Pontiac Firebird, Oldsmobile Ciera Delta

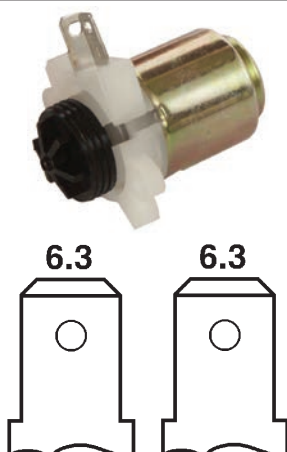
12 V, **Type** Standard, **Pump type** Single, **Capacity** 2600 ml/min



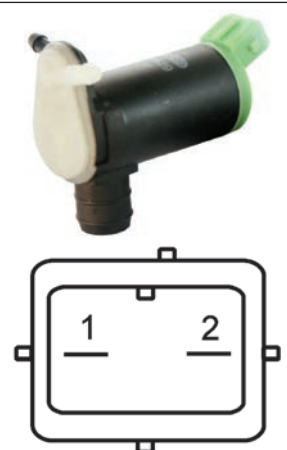
160535 Washer Pump

Servicing: Daihatsu, Ford, Mazda

12 V, **Type** Standard, **Pump type** Dual, **Capacity** 1800 ml/min



160583 Washer Pump
Servicing: Daihatsu, Mazda, Mitsubishi
 12 V, **Type** Standard, **Pump type** Single,
Capacity 1350 ml/min
For rear windscreen.



160629 Washer Pump
Servicing: Citroen, Fiat, Peugeot
 12 V, **Type** Standard, **Pump type** Dual,
Capacity 1700 ml/min



160630 Washer Pump
 24 V, **Type** Universal, **Pump type** Single,
Capacity 1800 ml/min
Cargo 160273.



160677 Washer Pump
Servicing: Daewoo, Hyundai, Kia, Mazda,
 Mitsubishi, Toyota
 12 V, **Type** Standard, **Pump type** Single,
Capacity 2000 ml/min



160679 Washer Pump
Servicing: Mercedes, Mercedes-Benz
 12 V, **Type** Standard, **Pump type** Single,
Capacity 2100 ml/min



160680 Washer Pump
Servicing: BMW, BMW
 12 V, **Type** Standard, **Pump type** Single,
Capacity 2300 ml/min



160681 Washer Pump
Servicing: Audi, Audi
 12 V, **Type** Standard, **Pump type** Single,
Capacity 2400 ml/min



160682 Washer Pump
Servicing: Audi, Audi
 12 V, **Type** Standard, **Pump type** Dual,
Capacity 2400 ml/min



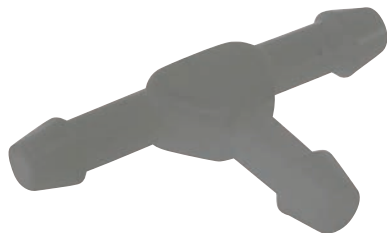
160683 Washer Pump
Servicing: Audi, BMW, Mercedes-Benz, Seat,
 Skoda, VW
 12 V, **Type** Standard, **Pump type** Dual,
Capacity 2200 ml/min

**160684** Washer Pump

Servicing: Citroen Berlingo, Saxo, ,Xantia, Fiat Ulysse, Peugeot, Pegaso
12 V, **Type** Standard, **Pump type** Single, **Capacity** 2200 ml/min

Connections

Pkg. 10

**160195** T-Connection

Hose ID 4 mm
w/o valve.

Pkg. 10

**160413** Pipe Connector

Valve w/
For hose I.D. 4 mm.

Radio Accessories

Capasitors

For Car Radios

Pkg. 10

**150100** Capacitor

2.2 μ f, **Length** 100 mm, **Type** Universal,
Mount. bracket Straight, **Cable** w/,
Plug Straight
For car radios.

Pkg. 10

**150101** Capacitor

Servicing: 0120389567, 0120450010,
0120450015, 0120468007, 0120468008,
0120468013, 0120468014, 0120468028,
0120468032, 0120468033

2.2 μ f, **Length** 80 mm, **Type** Universal,
Mount. bracket Angled, **Cable** w/,
Plug Angled
For car radios.

Pkg. 10

**150407** Capacitor

Servicing: 0120300518, 0120300519,
0120300522, 0120300523, 0120300524,
0120300532, 0120300533, 0120300540,
0120300545, 0120300546

2.2 μ f, **Length** 40 mm, **Type** Universal,
Mount. bracket Angled, **Cable** w/,
Plug Angled
For car radios.

Pkg. 10

**150408** Capacitor

Servicing: 0120450001, 0120488256,
0120488277, 0120488278, 0120488282,
0120488291, 0120489315, 0120489316,
0120489465, 0120489466

2.2 μ f, **Length** 100 mm, **Type** Universal,
Mount. bracket Angled, **Cable** w/,
Plug Ring
For car radios.

Loudspeaker in Cabinet

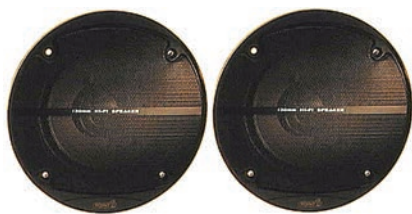
**040197** Speakers

20/40 W, 4 Ohm,
Length 97 mm, **Depth** 95 mm,
Width 95 mm, **Cabinet** Yes,
Mount. bracket w/, **Unit** Set
w/ bracket.

Loudspeaker Built-in

**040193** Speakers

150 W, 4 Ohm, ID/hole 95 mm,
Dist. mount. holes 1 80 mm,
Dist. mount. holes 2 115 mm,
Depth 50 mm, **Width** 100 mm,
Type Built-in, **Cabinet** No,
System 2 way, **Grill** w/, **Unit** Set
70-23000 Hz.



040194 Speakers
25/50 W, 4 Ohm, ID/hole 113 mm,
Dist. mount. holes 1 97 mm,
Dist. mount. holes 2 136 mm,
Depth 60 mm, Width 131 mm,
Type Built-in, System 2 way, Grill w/,
Unit Set
60-23000 Hz.

Radio Mounting Kits



040149 Radio Box
Colour Black, Mount. bracket Pendant,
Material Acrylic, Integral front Yes,
Integral front Yes



040170 Radio Mounting Kit
Integral front Yes, Integral front Yes
Galvanized. w/ gasket.

Dashboard Gauges

Ammeter



160697 Ammeter
OD 52 mm, Measuring unit A,
Measuring range 30-0-30,
Mount. type Hook fastening, Colour Black
White figures.



160698 Ammeter
OD 52 mm, Measuring unit A,
Measuring range 60-0-60,
Mount. type Hook fastening, Colour Black
White figures.

Voltmeter



160695 Voltmeter
8-16 V, OD 52 mm, Measuring unit V,
Measuring range 8-16, Mount. type Hook
fastening, Colour Black
White figures.



160696 Voltmeter
16-32 V, OD 52 mm, Measuring unit V,
Measuring range 16-32,
Mount. type Hook fastening, Colour Black
White figures.

Hour Meter



160702 Hour Meter
12-28 V, OD 52 mm, Mount. type Hook
fastening, Colour Black
w/o illumination.

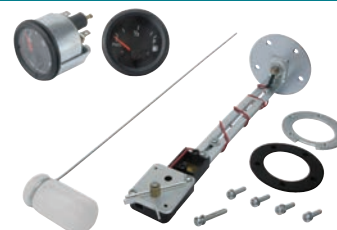


160747 Hour Meter
10-28 V, OD 36.5x25 mm,
Type Electrical operated, Digital Yes
w/o illumination.



160897 Hour Meter
10-28 V, OD 52 mm, Mount. type Hook
fastening, Colour Black
Digital.

Fuel Gauges



160701 Fuel Gauge
12 V, OD 52 mm, Mount. type Hook
fastening, Colour Black, Sender w/



160872 Fuel Gauge
24 V, OD 52 mm, Mount. type Hook
fastening, Colour Black, Sender w/



160873 Fuel Gauge
Servicing: Cargo 160701, 160872
12/24 V

Water Temp. Gauges



160699 Water Temp. Gauge
12 V, OD 52 mm, **Measuring unit** C°, **Measuring range** 40-120, **Type** Electrical operated, **Mount. type** Hook fastening, **Colour** Black, **Digital** No, **Sender** w/ Transmitter 1/8" NPTF: Cargo 160786.



160778 Water Temp. Gauge
24 V, OD 52 mm, **Measuring unit** V, **Measuring range** 40-120, **Mount. type** Hook fastening, **Sender** w/ Transmitter 1/8" NPTF: Cargo 160786.

Oil Pressure Gauges



160700 Electrical Oil Pressure Gauge
12 V, OD 52 mm, **Type** Electrical operated, **Mount. type** Hook fastening, **Colour** Black, **Sender** w/ Transmitter 1/8" NPTF: Cargo 160787.



160779 Oil Pressure Gauge
24 V, OD 52 mm, **Mount. type** Hook fastening, **Sender** w/ Transmitter 1/8" NPTF: Cargo 160786.

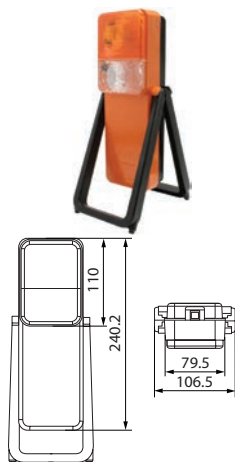


Lighting

Edition 2013/2014



Hazard Warning Lights

**170683** Hazard Warning Lamp

Servicing: Approved for vehicles carrying dangerous goods

Dim. 240.2x106.5 mm, **Battery type** D, **No./batteries** 5, **Hazard flasher** w/, **Approvals** GGVS
Battery: Cargo 200741, 200768.

w/LED

**171797** LED Hazard Warning Lamp

Dim. 215x75x63 mm, **Battery type** AA, **Bulb type** LED, **Material** ABS plastic, **No./batteries** 4, **Drop proof** Yes, **Hazard flasher** w/, **Approvals** GGVS/ADR
Battery: Cargo 200739.

Pen-/Torch Lights

Torch Light

**170353** High Powered Torch

Battery type D, **Bulb type** Krypton, **No./batteries** 4
Bulb: Cargo 171280. Batteries: Cargo 200741, 200768.

w/LED

**171634** LED Hands-Free Light

Light power 3/9 Lumen, **Dim.** 38x68x44 mm, **Battery type** AAA, **Bulb type** LED, **No./batteries** 3, **Drop proof** Yes, **Approvals** ATEX
Battery: Cargo 200738.

**171749** LED Torch Light

1 W, **Light power** 65 Lumen, **Dim.** 37x120 mm, **Battery type** AAA, **Bulb type** LED, **Material** Aluminium, **No./batteries** 3, **Waterproof**, **Clips** w/
Battery: Cargo 200738.

**171787** LED Torch Light

2.2 W, **Dim.** 217x52x52 mm, **Battery type** LR14, **Bulb type** LED, **Material** Shockproof plastic, **No./batteries** 3, **Waterproof**, **Drop proof** Yes, **Shoulder strap** w/
Battery: Cargo 200740.

w/LED & UV

**253489** UV Inspection Lamp

Type LED, **Model** UV, **Bulb incl.** Yes 3 pcs. *batteries and mirror included.*
Batteries: Cargo 200858.

**253504** UV Lamp

Type LED, **Model** UV, **Colour** Red, **Material/dome** Shockproof plastic, **Bulb incl.** Yes
Battery: Cargo 200742.

**171805** UV LED Torch light

Dim. 126 mm, **Battery type** AAA, **Bulb type** UV LED, **Material** Aluminium, **No./batteries** 3, **Waterproof**, **Approvals** CE
Battery: Cargo 200738.

Penlights

**171269** Penlight

Battery type AAA, **Material** Aluminium, **No./batteries** 2, **Clips** w/
Rubber coated aluminium. +70% light intensity. Bulb: Cargo 171275. Battery: Cargo 200738, 200765.

Xenon

**171632** Xenon Torch Light

Light power 45 Lumen, **Battery type** AA, **Bulb type** Xenon, **No./batteries** 4, **Clips** w/, **Approvals** ATEX/CE
Zone 1.



171633 Xenon Torch Light

Light power 53 Lumen,
Dim. 198x48x48 mm, **Battery type** LR14,
Bulb type Xenon, **No./batteries** 3,
Waterproof, **Drop proof** Yes,
Shoulder strap w/, **Clips** w/,
Approvals ATEX
Zone 1.

w/LED



171704 LED Penlight

Dim. 14.5x109 mm, **Battery type** AAA,
Bulb type LED, **Material** Aluminium,
No./batteries 1, **Waterproof**,
Drop proof Yes, **Approvals** CE
Button w/ easy touch for either signal or constant light. Optical lense intensive the light. At least 8 hours of burn time.



171792 LED Penlight

1.1 W, **Light power** 24 Lumen,
Dim. 140 mm, **Battery type** AAA,
Bulb type LED, **Material** Shockproof plastic, **No./batteries** 2, **Waterproof**,
Clips w/, **Approvals** ATEX
Zone 0.

Warning Lights

Rotating Beacons



170295 Rotating Beacon

12 V, **OD** 140 mm,
Mount. Standard ISO A - Rod,
Height 250 mm, **Width** 135.5 mm,
Lens type PMMA/ACRYL, **Bulb type** H1,
Model AEB TYPE 590, **Colour** Orange,
Bulb incl. Yes, **E-approval** Yes
*Lens: Cargo 170308. Motor: Cargo 170505.
Plastic base plate: Cargo 170309.*



170296 Rotating Beacon

24 V, **OD** 140 mm,
Mount. Standard ISO A - Rod,
Height 250 mm, **Width** 135.5 mm,
Lens type PMMA/ACRYL, **Bulb type** H1,
Model AEB TYPE 590, **Colour** Orange,
Bulb incl. Yes, **E-approval** Yes
*Lens: Cargo 170308. Motor: Cargo 170506.
Plastic base plate: Cargo 170309.*



170435 Rotating Beacon

12 V, **OD** 160 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 220 mm,
Lens type PMMA/ACRYL, **Bulb type** H1,
Model AEB TYPE 595, **Colour** Orange,
Bulb incl. Yes, **E-approval** Yes
Lens: Cargo 170308. Motor: Cargo 170505.



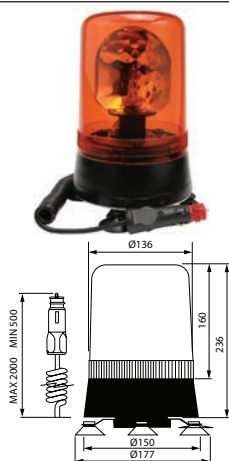
170436 Rotating Beacon

24 V, **OD** 160 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 220 mm,
Lens type Amber dome, **Bulb type** H1,
Model AEB TYPE 595, **Colour** Orange,
Bulb incl. Yes, **E-approval** Yes
Lens: Cargo 170308. Motor: Cargo 170506.



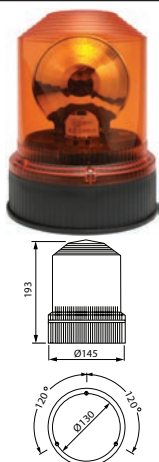
170437 Rotating Beacon

12 V, **OD** 177 mm, **Mount.** 3 magnets, **Height** 236 mm, **Lens type** PMMA/ACRYL,
Bulb type H1, **Model** AEB TYPE 595 M,
Colour Orange, **Base** Magnetic,
Coiled cable w/, **Bulb incl.** Yes, **E-approval** Yes
*Lens: Cargo 170308. Motor: Cargo 170505.
Coil cable: lenght 2 m.*

**170438** Rotating Beacon

24 V, OD 177 mm, **Mount.** 3 magnets, **Height** 236 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** AEB TYPE 595 M, **Colour** Orange, **Base** Magnetic, **Coiled cable** w/, **Bulb incl.** Yes, **E-approval** Yes

Lens: Cargo 170308. Motor: Cargo 170505. Coil cable: lenght 2 m.

**170490** Rotating Beacon

12/24 V, OD 145 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 193 mm, **Width** 145 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** TYPE FT 6, **Colour** Orange, **Bulb incl.** No, **Tightness norm** IP 55, **E-approval** Yes

Lens: Cargo 170492.

**170491** Rotating Beacon

12/24 V, OD/cable 150 mm, **Mount.** Standard ISO-DIN A or B fixing, **Height** 250 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** TYPE FT 6, **Colour** Orange, **Base** Rigid, **Bulb incl.** No, **Tightness norm** IP 55, **E-approval** Yes

Lens: Cargo 170492.

**170540** Rotating Beacon

12 V, OD 152 mm, **Mount.** Standard ISO A - Rod, **Height** 240 mm, **Width** 150 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Boule, **Colour** Orange, **Base** Flexible, Waterproof, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 66, **E-approval** Yes

Lens: Cargo 170543.

**170541** Rotating Beacon

24 V, OD 152 mm, **Mount.** Rod (ISO-DIN A), **Height** 240 mm, **Width** 152 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Boule, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 66, **E-approval** Yes

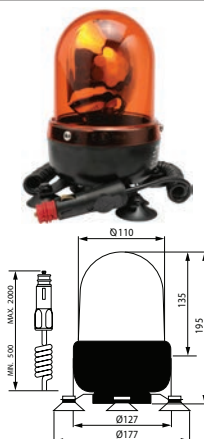
Lens: Cargo 170543.

**170551** Rotating Beacon

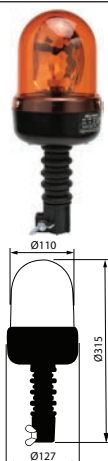
12 V, OD 135 mm, **Mount.** Standard ISO A - Rod, **Height** 265 mm, **Width** 135 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** TYPE GF 8.8 FLX, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 54, **E-approval** Yes

**170598** Rotating Beacon

12/24 V, OD 110 mm, **Mount.** Single bolt, **Height** 200 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** AEB TYPE 525, **Colour** Orange, **Bulb incl.** No, **E-approval** Yes

**170599** Rotating Beacon

12/24 V, OD 110 mm, **Mount.** 3 magnets, **Length** 2000 mm, **Height** 195 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** AEB TYPE 525 M, **Colour** Orange, **Base** Magnetic, **Coiled cable** w/, **Bulb incl.** No, **E-approval** Yes



170601 Rotating Beacon
12/24 V, OD 127 mm, **Mount.** Standard ISO A - Rod, **Height** 315 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** AEB TYPE 530 B, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** No, **E-approval** Yes



170798 Rotating Beacon
12/24 V, OD 160 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 220 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** AEB TYPE 595, **Colour** Blue, **Bulb incl.** No, **E-approval** Yes
Lens: Cargo 170366. Motor: Cargo 170505, 170506.



170830 Rotating Beacon
12/24 V, OD 130 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 183 mm, **Width** 142 mm, **Bulb type** H1, **Colour** Orange, **Bulb incl.** No, **E-approval** Yes
Lens: Cargo 170945.



171017 Rotating Beacon
12/24 V, OD 145 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 193 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** TYPE FT 6, **Colour** Blue, **Bulb incl.** No, **Tightness norm** IP 55, **E-approval** Yes



171019 Rotating Beacon
12/24 V, OD 142 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 183 mm, **Bulb type** H1, **Model** Astral, **Colour** Blue, **Bulb incl.** No, **E-approval** Yes



171060 Rotating Beacon
12 V, OD 132 mm, **Mount.** Standard ISO A - Rod, **Height** 210 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Megalux, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **E-approval** Yes



171061 Rotating Beacon
24 V, OD 132 mm, **Mount.** Standard ISO A - Rod, **Height** 210 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Megalux, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **E-approval** Yes



171351 Rotating Beacon
24 V, OD 114 mm, **Mount.** Standard ISO A/B2 (and B1) - Rod/base, **Height** 167 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Rotokit, **Colour** Orange, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 44, **E-approval** Yes
Fixing bases: Cargo 171349, 171354, 171355.



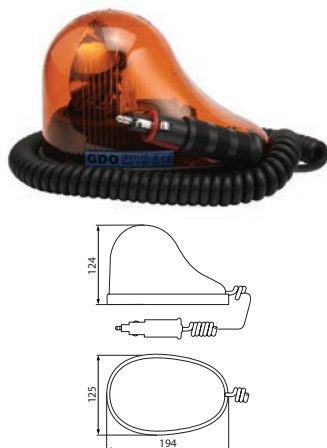
171399 Rotating Beacon
12/24 V, OD 136 mm, **Mount.** Standard ISO A - Rod, **Height** 250 mm, **Lens type** PMMA/ACRYL, **Bulb type** H1, **Model** 590 DVO, **Colour** Orange, **Bulb incl.** No, **E-approval** Yes
Lens: Cargo 170308. Motor: Cargo 170505, 170506.



171423 Rotating Beacon
12 V, OD 110 mm, **Mount.** Standard ISO A - Rod, **Height** 220 mm, **Width** 110 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Microboule, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 55, **Approvals** CE, **E-approval** Yes



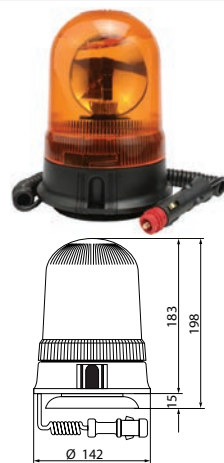
171424 Rotating Beacon
24 V, OD 110 mm, **Mount.** Rod (ISO-DIN A), **Height** 220 mm, **Width** 110 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** Microboule, **Colour** Orange, **Base** Flexible, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 55, **Approvals** CE, **E-approval** Yes



171494 Rotating Beacon
12 V, OD 120x186 mm, **Mount.** 1 magnet, **Length** 194 mm, **Height** 124 mm, **Width** 125 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Model** GDO, **Colour** Orange, **Base** Magnetic, **Hi impact** Yes, **Coiled cable** w/, **Bulb incl.** Yes, **Tightness norm** IP 55, **E-approval** Yes
Tested for 200 kmh. Lens: Cargo 171512. 2 mtr. coiled cable. Rubber base.



171577 Rotating Beacon
12 V, OD 142 mm, **Mount.** Standard ISO A - Rod, **Height** 235.5 mm, **Width** 142 mm, **Bulb type** H1, **Model** Astral, **Colour** Orange, **Base** Rigid, **Bulb incl.** Yes, **E-approval** Yes
Lens: Cargo 170945.



171587 Rotating Beacon
12/24 V, OD 142 mm, **Mount.** 1 magnet, **Height** 198 mm, **Width** 142 mm, **Bulb type** H1, **Model** Astral, **Colour** Orange, **Coiled cable** w/, **Bulb incl.** No, **E-approval** Yes
Lens: Cargo 170945.



171588 Rotating Beacon
12/24 V, OD 142 mm, **Mount.** Single bolt,
Height 183 mm, **Width** 142 mm,
Bulb type H1, **Model** Astral,
Colour Orange, **Bulb incl.** No,
E-approval Yes
Lens: Cargo 170945.



171705 Rotating Beacon
12/24 V, OD 160 mm, **Mount.** Plan
(ISO-DIN B), **Height** 220 mm,
Lens type PMMA/ACRYL, **Bulb type** H1,
Model AEB type 595, **Colour** Orange,
Bulb incl. No, **E-approval** Yes
*Lens: Cargo 170308. Motor: Cargo 170505,
170506.*

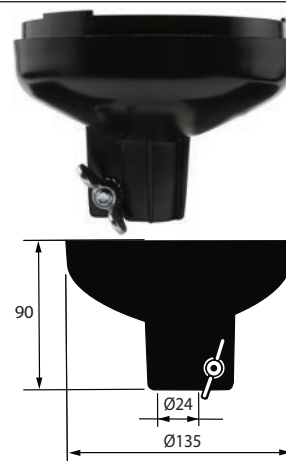


171793 Rotating Beacon
12/24 V, OD 142 mm, **Mount.** Standard
ISO A - Rod, **Height** 235.5 mm,
Lens type Polycarbonat, **Bulb type** H1,
Model Astral flex, **Colour** Orange,
Base Flexible, **Hi impact** Yes,
Bulb incl. No, **E-approval** Yes
Lens: Cargo 170945.

Spare Parts



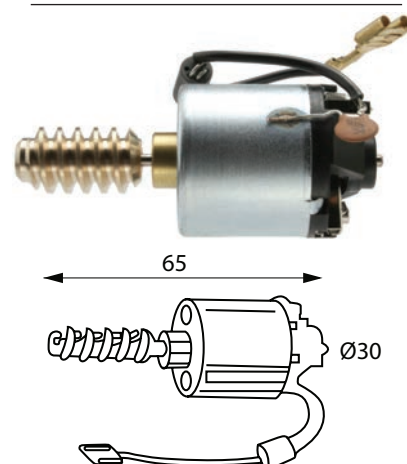
170308 Dome
Servicing: Cargo 170295, 170296, 170435,
170436, 170437, 170438, 170798, 171399
Height 160 mm, **Width** 136 mm,
Lens type PMMA/ACRYL, **Model** TYPE
590/595/595M, **Colour** Orange



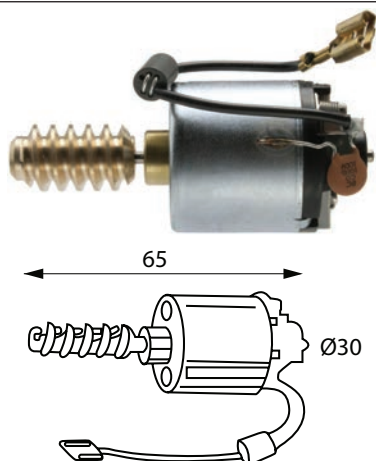
170309 Base Plate
Servicing: Cargo 170295, 170296, 170435,
170436, 170437, 170438, 170798, 171399
Height 90 mm, **Width** 135 mm,
Model TYPE 590/595/595M



170366 Dome
Servicing: Cargo 170295, 170296, 170435,
170436, 170437, 170438, 170798, 171399
Height 160 mm, **Width** 136 mm,
Lens type PMMA/ACRYL, **Model** TYPE
590/595/595M, **Colour** Blue



170505 Beacon Motor
Servicing: Cargo 170295, 170296, 170435,
170436, 170437, 170438, 170798, 171399
12 V, **Height** 65 mm, **Width** 30 mm,
Model TYPE 590/595/595M

**170506** Beacon Motor

Servicing: Cargo 170295, 170296, 170435, 170436, 170437, 170438, 170798, 171399
24 V, Height 65 mm, **Width** 30 mm,
Model TYPE 590/595/595M

**170543** Dome

Servicing: Cargo 170540, 170541
Lens type Polycarbonat, **Model** Boule,
Colour Orange, **Hi impact** Yes

**170945** Dome

Servicing: Cargo 170830, 171019, 171577, 171587, 171588, 171793
Height 144 mm, **Width** 128 mm,
Lens type PMMA/ACRYL, **Model** Astral,
Colour Orange, **E-approval** Yes

Accessories

**171349** Beacon Base

Servicing: Cargo 171351
Mount. Standard ISO B2 (and B1) - Base,
Model Rotokit

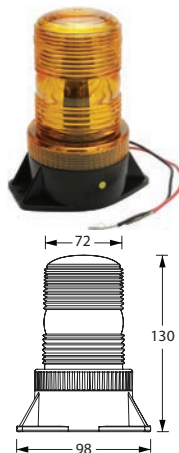
**171354** Beacon Base

Servicing: Cargo 171351
Mount. 3 magnets, **Model** Rotokit,
Base Magnetic, **Coiled cable** w/
w/ multi plug that fits the rotokit beacon.

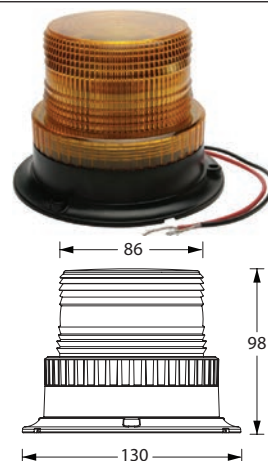
**171355** Beacon Base

Servicing: Cargo 171351
Mount. 1 magnet, **Model** Rotokit, **Coiled cable** w/
w/ multi plug that fits the rotokit beacon.

LED

**171673** LED Beacon

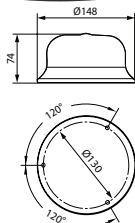
11-110 V, OD 72 mm, **Mount.** Plan,
Length 98 mm, **Height** 130 mm,
Width 72 mm, **Lens type** Polycarbonat,
Bulb type LED, **Model** LED,
Colour Orange, Waterproof,
Hi impact Yes, **Coiled cable** w/o,
Tightness norm IP 66, **Approvals** SAE/CE
45 flash/min.

**171674** LED Beacon

11-110 V, OD 130 mm, **Mount.** Plan,
Length 130 mm, **Height** 98 mm,
Width 86 mm, **Lens type** Polycarbonat,
Bulb type LED, **Model** LED,
Colour Orange, Waterproof,
Hi impact Yes, **Coiled cable** w/o,
Tightness norm IP 66, **Approvals** SAE/CE
45 flash/min.

**171763** LED Beacon

12/24 V, 1.7/0.8 A, OD 120 mm,
Mount. Standard ISO A - Rod,
Height 121 mm, **Width** 120 mm,
Lens type Polycarbonat, **Bulb type** LED,
Colour Orange, **Material** Aluminium,
Waterproof, **Hi impact** Yes,
Tightness norm IP 66, **E-approval** Yes
130 flash/min.



171764 LED Beacon

12/24 V, OD 148 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 74 mm, **Width** 148 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Colour** Orange, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Tightness norm** IP 66, **E-approval** Yes
130 flash/min.



171918 LED Beacon

12-24 V, 1.2/2.9 A, 37 W, OD 130 mm, **Mount.** Plan, **Height** 128 mm, **Width** 130 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Model** LED, **Colour** Orange, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Coiled cable** w/o, **Approvals** SAE/ECE-R65, **E-approval** Yes
11 flash patterns.

NEW PRODUCT
www.hc-cargo.com

171919 LED Beacon

12-24 V, 1.2/2.9 A, 37 W, OD 130 mm, **Mount.** 3 magnets, **Height** 128 mm, **Width** 130 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Model** LED, **Colour** Orange, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Coiled cable** w/, **Approvals** SAE/ECE-R65, **E-approval** Yes
11 flash patterns.



171920 LED Beacon

12-24 V, 1.2/2.9 A, 37 W, OD 130 mm, **Mount.** Standard ISO A - Rod, **Height** 202 mm, **Width** 130 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Model** LED, **Colour** Orange, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Coiled cable** w/o, **Approvals** SAE/ECE-R65, **E-approval** Yes
11 flash patterns.

NEW PRODUCT
www.hc-cargo.com

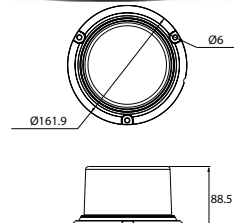
171922 LED Beacon

12-24 V, 1.2/2.9 A, 37 W, OD 130 mm, **Mount.** 3 magnets, **Height** 128 mm, **Width** 130 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Model** LED, **Colour** Blue, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Coiled cable** w/, **Approvals** SAE/ECE-R65, **E-approval** Yes
11 flash patterns.

NEW PRODUCT
www.hc-cargo.com

171923 LED Beacon

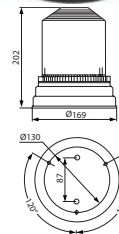
12-24 V, 1.2/2.9 A, 37 W, OD 130 mm, **Mount.** Standard ISO A - Rod, **Height** 202 mm, **Width** 130 mm, **Lens type** Polycarbonat, **Bulb type** LED, **Model** LED, **Colour** Blue, **Material** Aluminium, Waterproof, **Hi impact** Yes, **Approvals** SAE/ECE-R65, **E-approval** Yes
11 flash patterns.



171931 LED Beacon

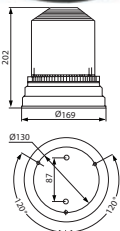
12-36 V, OD 161.9 mm, **Mount.** Plan, - **Height** 88.5 mm, **Width** 161.9 mm, **Bulb type** LED, **Colour** Orange, Waterproof, **Tightness norm** IP 67, **Approvals** CE, **E-approval** Yes

Xenon

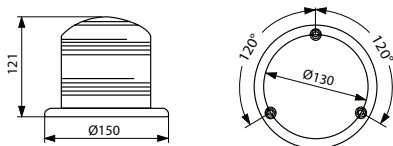


170650 Xenon Beacon

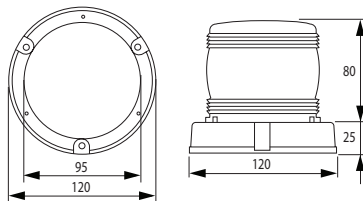
12 V, 1.5 A, OD 169 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 202 mm, **Lens type** Polycarbonat, **Bulb type** LX10J, **Model** XENON FT6 AG ELECTRONIC, **Colour** Orange, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 55, **E-approval** Yes



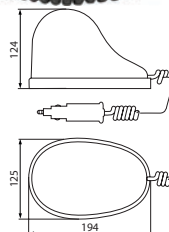
170651 Xenon Beacon
24 V, 1.5 A, OD 169 mm,
Mount. Standard ISO B2 (and B1) - Base,
Height 202 mm, **Lens type** PMMA/ACRYL,
Bulb type LX10J, **Model** XENON FT6
AG ELECTRONIC, **Colour** Orange,
Bulb incl. Yes, **Tightness norm** IP 55,
E-approval Yes



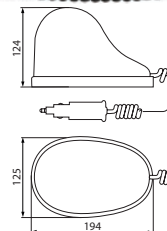
170680 Xenon Beacon
10-100 V, 200/50 mAmpere A,
OD 150 mm, **Mount.** Standard ISO
B2 (and B1) - Base, **Height** 121 mm,
Width 150 mm, **Lens type** Polycarbonat,
Bulb type LX1J, **Model** FLASH ELEV,
Colour Orange, **Material** Polycarbonat,
Base Rigid, **Hi impact** Yes,
Bulb incl. Yes, **Tightness norm** IP 54



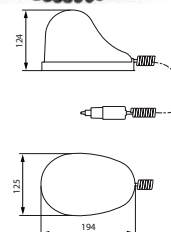
171005 Xenon Beacon
10-100 V, OD 120 mm, **Mount.** Standard
ISO B2 (and B1) - Base, **Height** 105 mm,
Lens type PMMA/ACRYL,
Bulb type LX10J, **Model** TYPE TRASPOT
XENON, **Colour** Orange, **Bulb incl.** Yes,
Approvals CE
w/ Xenon tube. **Lens:** Cargo 171590.



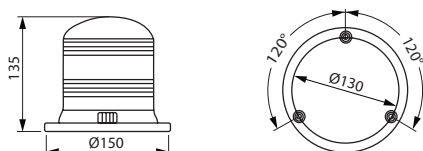
171495 Xenon Beacon
12 V, 1.5 A, OD 120x186 mm,
Mount. 1 magnet, **Length** 194 mm,
Height 124 mm, **Width** 125 mm,
Lens type Polycarbonat, **Bulb type** LX8J,
Model GDO FLASH, **Colour** Orange,
Material Rubber, **Base** Magnetic,
Hi impact Yes, **Coiled cable** w/,
Bulb incl. Yes, **Tightness norm** IP 55,
Approvals CE, **E-approval** Yes
Tested for 200 kmh. **Lens:** Cargo 171512.



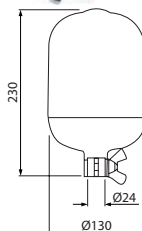
171496 Xenon Beacon
24 V, 1.5 A, OD 120x186 mm,
Mount. 1 magnet, **Length** 194 mm,
Height 124 mm, **Width** 125 mm,
Lens type Polycarbonat, **Bulb type** LX8J,
Model GDO FLASH, **Colour** Orange,
Material Rubber, **Base** Magnetic,
Hi impact Yes, **Coiled cable** w/,
Bulb incl. Yes, **Tightness norm** IP 55,
Approvals CE, **E-approval** Yes
Tested for 200 kmh. **Lens:** Cargo 171512.



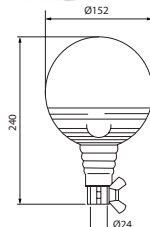
171497 Xenon Beacon
12 V, 1.5 A, OD 120x186 mm,
Mount. 1 magnet, **Length** 194 mm,
Height 124 mm, **Width** 125 mm,
Lens type Polycarbonat, **Bulb type** LX8J,
Model GDO FLASH, **Colour** Blue,
Material Rubber, **Base** Magnetic,
Hi impact Yes, **Coiled cable** w/,
Bulb incl. Yes, **Tightness norm** IP 55,
Approvals CE, **E-approval** Yes
Tested for 200 kmh.



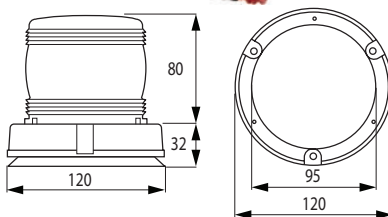
171498 Xenon Beacon
10-100 V, 200/50 mAmpere A, OD 150 mm, Mount. Standard ISO B2 (and B1) - Base, Height 135 mm, Width 150 mm, Lens type Polycarbonat, Bulb type LX1J, Model FLASH ELEV SL, Colour Orange, Hi impact Yes, Bulb incl. Yes, Tightness norm IP 20 w/ built-in audible signal



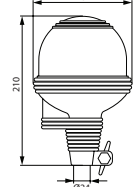
171505 Xenon Beacon
12 V, 3 A, OD 150 mm, Mount. Plan (ISO-DIN B), Height 230 mm, Width 130 mm, Lens type Polycarbonat, Bulb type LX10J, Model XENON GF 8.8 FLASH, Colour Orange, Base Rigid, Hi impact Yes, Bulb incl. Yes, Tightness norm IP 44, Approvals CE, E-approval Yes



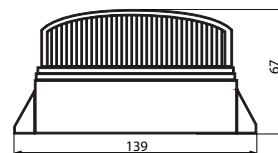
171540 Xenon Beacon
12 V, 1.5 A, OD 152 mm, Mount. Standard ISO A - Rod, Height 240 mm, Width 152 mm, Lens type Polycarbonat, Bulb type LX8J, Model BOULE FLASH, Colour Orange, Base Flexible, Hi impact Yes, Bulb incl. Yes, Tightness norm IP 66, E-approval Yes



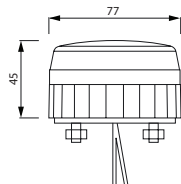
171561 Xenon Beacon
10-100 V, OD 120 mm, Mount. Standard ISO B2 (and B1) - Base, Height 112 mm, Width 120 mm, Lens type PMMA/ACRYL, Model Type TRASPOT, Colour Orange, Base Magnetic, Coiled cable w/, Approvals CE
w/ Xenon tube. Lens: Cargo 171590.



171614 Xenon Beacon
10-30 V, OD 132 mm, Mount. Standard ISO A - Rod, Height 210 mm, Lens type Polycarbonat, Bulb type LX10J, Model Xenon, Colour Orange, Hi impact Yes, Bulb incl. Yes, E-approval Yes



171708 Xenon Beacon
11-120 V, 0.2 A, Mount. Plan, Length 139 mm, Height 58 mm, Width 67 mm, Lens type Polycarbonat, Bulb type Xenon, Colour Orange, Waterproof, Hi impact Yes, Bulb incl. Yes, Approvals CE
Flash rate: 72/ min. 2 fixing screws 130 mm.



171798 Xenon Beacon
10-100 V, 5 W, **Mount.** Plan,
Height 45 mm, **Width** 77 mm,
Lens type Polycarbonat,
Bulb type Xenon, **Colour** Orange,
Material Polycarbonat, **Hi impact** Yes,
Tightness norm IP 67, **Approvals** CE
Flash rate: 72/min. Fixing screws 45 mm.

Spare Parts



170654 Xenon Bulb
Servicing: Cargo 170650, 170651, 171505,
171005
12/24 V, 16 W, **Bulb type** LX10J,
Model XENON FT6 / FLX ELECTRONIC



171376 Xenon Bulb
Servicing: Cargo 171498, 170680
Bulb type LX1J, **Model** FLASH ELEV



171590 Dome
Servicing: Cargo 171005, 171561
Lens type PMMA/ACRYL, **Model** TRASPORT
XENON, **Colour** Orange

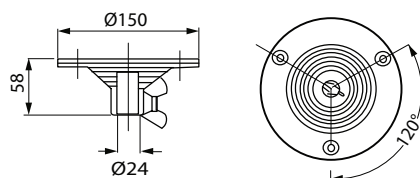


171512 Dome
Servicing: Cargo 171494, 171495, 171496
Lens type Polycarbonat, **Model** GDO,
Colour Orange

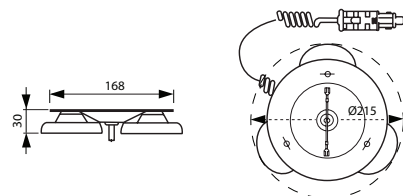
Accessories



170525 Beacon Socket
Servicing: Cargo 170490, 171017
Mount. 3 magnets, **Length** 2000 mm,
Model TYPE FT 6, **Base** Magnetic,
Coiled cable w/, **Tightness norm** IP 55



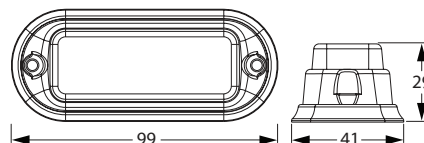
170528 Base Plate
Servicing: Cargo 170491, 170490, 170650,
170651, 171498, 170680
Mount. Standard ISO A - Rod,
Height 58 mm, **Width** 150 mm,
Model TYPE FT 6



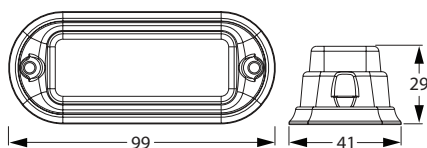
170653 Beacon Socket
Servicing: Cargo 170650, 170651, 171466
Mount. 3 magnets, **Height** 30 mm,
Width 2000 mm, **Base** Magnetic,
Coiled cable w/, **Tightness norm** IP 55,
E-approval Yes

Flash Lights

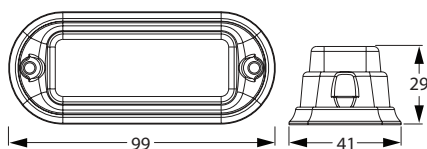
w/LED



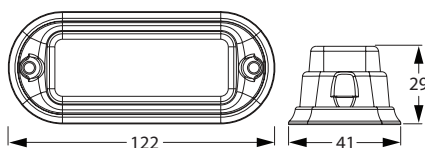
171641 LED Flash, amber
12/24 V, **Length** 99 mm, **Height** 29 mm,
Width 41 mm, **Bulb type** LED,
Model 3 LED, **Colour** Orange, Waterproof,
Approvals CE, **E-approval** Yes
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171657.
Rubber adapter for flush mount: Cargo
171728.



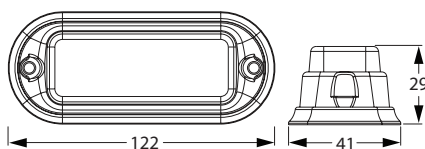
171642 LED Flash, white
12/24 V, Length 99 mm, Height 29 mm,
Width 41 mm, Bulb type LED,
Model 3 LED, Colour White, Waterproof,
Approvals CE, E-approval Yes
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171657.
Rubber adapter for flush mount: Cargo
171728.



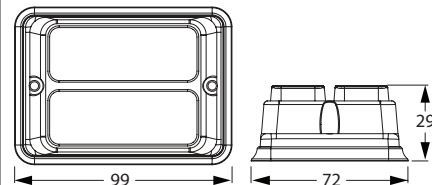
171644 LED Flash, blue
12/24 V, Length 99 mm, Height 29 mm,
Width 41 mm, Bulb type LED,
Model 3 LED, Colour Blue, Waterproof,
Approvals CE, E-approval Yes
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171657.
Rubber adapter for flush mount: Cargo
171728.



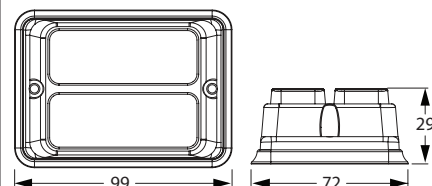
171646 LED Flash, white
12/24 V, Length 122 mm, Height 35 mm,
Width 41 mm, Bulb type LED,
Model 4 LED, Colour White, Waterproof,
Approvals CE, E-approval Yes
19 flash patterns. Multi-module
synchronization. Bracket: Cargo 171658.
Rubber adapter for flush mount: Cargo
171675.



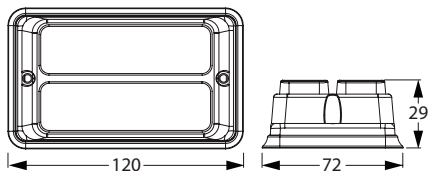
171648 LED Flash, blue
12/24 V, Length 122 mm, Height 35 mm,
Width 41 mm, Bulb type LED,
Model 4 LED, Colour Blue, Waterproof,
Approvals CE, E-approval Yes
19 flash patterns. Multi-module
synchronization. Bracket: Cargo 171658.
Rubber adapter for flush mount: Cargo
171675.



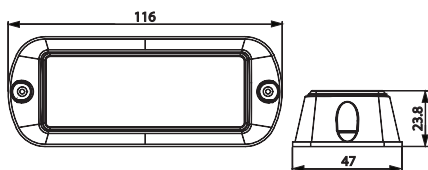
171651 LED Flash, red
12/24 V, Length 99 mm, Height 35 mm,
Width 72 mm, Bulb type LED,
Model 2x3 LED, Colour Red, Waterproof,
Approvals CE, E-approval Yes
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171659.



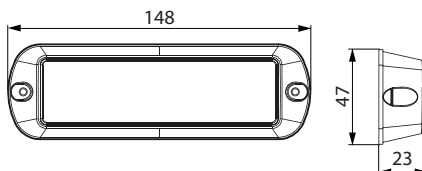
171652 LED Flash, blue
12/24 V, Length 99 mm, Height 35 mm,
Width 72 mm, Bulb type LED,
Model 2x3 LED, Colour Blue, Waterproof,
Approvals CE, E-approval Yes
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171659.



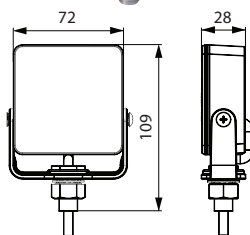
171654 LED Flash, white
12/24 V, **Length** 120 mm, **Height** 35 mm,
Width 72 mm, **Bulb type** LED,
Model 2x4 LED, **Colour** White,
Waterproof, **Approvals** CE,
E-approval Yes
19 flash patterns. Multi-module
synchronization. Bracket: Cargo 171660.



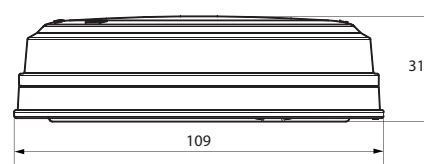
171661 LED Flash, amber
12/24 V, **Length** 116 mm,
Height 23.8 mm, **Width** 47 mm,
Lens type Frosted, **Bulb type** LED,
Model 4 LED, **Colour** Orange,
Waterproof, **Approvals** SAE/CE
12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171663.



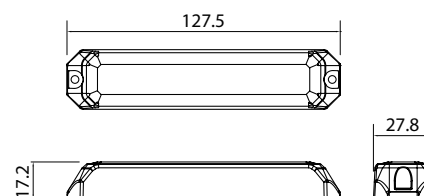
171662 LED Flash, amber
12/24 V, **Length** 148 mm, **Height** 23 mm,
Width 47 mm, **Lens type** Clear,
Bulb type LED, **Model** 6 LED,
Colour Orange, Waterproof,
Approvals SAE/CE
19 flash patterns. Multi-module
synchronization. Bracket: Cargo 171664.



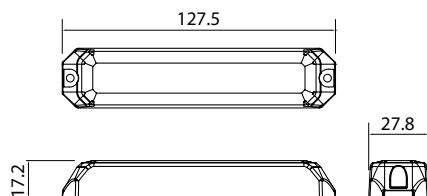
171746 LED Flash, amber
12/24 V, **Length** 109 mm, **Height** 28 mm,
Width 72 mm, **Lens type** Clear,
Bulb type LED, **Colour** Orange,
Material Moulded aluminium, Waterproof,
Hi impact Yes, **Coiled cable** w/o,
Approvals CE



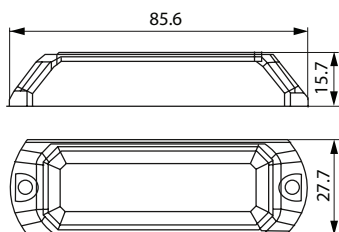
171765 LED Flash, amber
12/24 V, **OD** 109 mm, **Mount.** Plan,
Height 31 mm, **Width** 109 mm,
Lens type Polycarbonat, **Bulb type** 10
LED, **Colour** Orange, Waterproof,
Hi impact Yes



171813 LED Flash, blue
12/24 V, **Length** 127.5 mm,
Height 17.2 mm, **Width** 27.8 mm,
Bulb type LED, **Model** 6 LED,
Colour Blue, Waterproof, **Approvals** SAE/
ECE-R65, **E-approval** Yes
Fits w/ rubber adapter for flush mount:
Cargo 171817.



171814 LED Flash - Amber
12/24 V, **Length** 127.5 mm,
Height 17.2 mm, **Width** 27.8 mm,
Bulb type LED, **Model** 6 LED,
Colour Yellow, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
Fits w/ rubber adapter for flush mount:
Cargo 171817.



171815 LED Flash yellow
12/24 V, **Length** 85.6 mm,
Height 15.7 mm, **Width** 27.7 mm,
Bulb type LED, **Model** 3 LED,
Colour Yellow, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
For Cargo 171816.



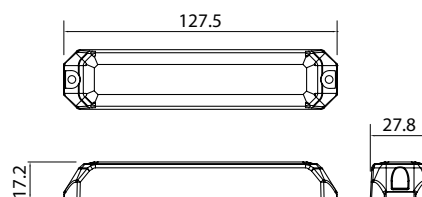
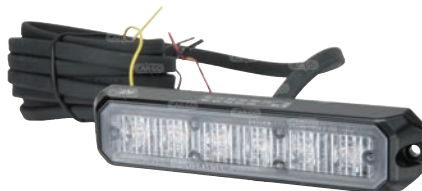
171904 LED Flash, Amber
12-24 V, **Length** 122 mm, **Height** 35 mm,
Width 41 mm, **Bulb type** LED, **Model** 4
LED, **Colour** Orange, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
*19 flash patterns. Multi-module
synchronization. Bracket: Cargo 171658.
Rubber adapter for flush mount: Cargo
171675.*



171905 LED Flash, amber
12-24 V, **Length** 99 mm, **Height** 29 mm,
Width 41 mm, **Bulb type** LED,
Model 3 LED, **Colour** Orange,
Waterproof, **Approvals** SAE/ECE-R65,
E-approval Yes
*12 flash patterns. Multi-module
synchronization. Bracket: Cargo 171657.
Rubber adapter for flush mount: Cargo
171728.*

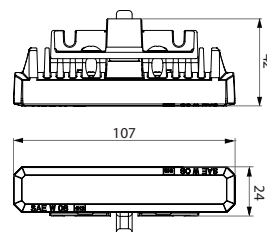


171906 LED Flash, amber
12-24 V, **Length** 131.8 mm,
Height 48.7 mm, **Width** 19.2 mm,
Bulb type LED, **Model** 12 LED,
Colour Orange, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
*25 flash patterns. Multi-module
synchronization. Bracket: Cargo 171657.
Rubber adapter for flush mount: Cargo
171907.*



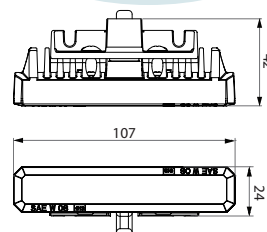
171926 LED Flash amber
12-24 V, **Mount.** 3 m ADR Cable,
Length 85.6 mm, **Height** 15.7 mm,
Width 27.7 mm, **Bulb type** LED,
Model 6 LED, **Colour** Yellow, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
Fits w/ rubber adapter for flush mount:
Cargo 171817.

NEW PRODUCT
www.hc-cargo.com



171933 LED Flash - Amber
11-30 V, **Mount.** Plan, **Length** 107 mm,
Height 24 mm, **Width** 42 mm,
Bulb type LED, **Model** 6 LED,
Colour Yellow, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
5 flash patterns.

NEW PRODUCT
www.hc-cargo.com



171934 LED Flash - Blue
11-30 V, **Mount.** Plan,
Length 107 mm, **Height** 24 mm,
Width 42 mm, **Bulb type** LED,
Model 6 LED, **Colour** Blue, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
5 flash patterns.

Accessories



171657 Mounting Bracket
Servicing: Cargo 171641, 171642, 171644
Length 100 mm, **Thickness** 24 mm,
Width 55 mm
Angled. For single head.

**171658** Mounting Bracket

Servicing: Cargo 171646, 171648

Length 123 mm, **Thickness** 55 mm,
Width 24 mm*Angled. For single head.***171659** Mounting Bracket

Servicing: Cargo 171650, 171651, 171652

Length 102 mm, **Thickness** 24 mm,
Width 100 mm*Angled. For double head.***171660** Mounting Bracket

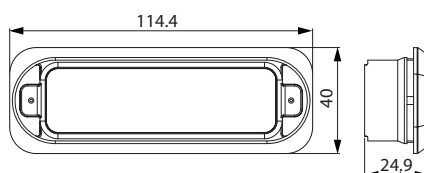
Servicing: Cargo 171654

Length 123 mm, **Thickness** 100 mm,
Width 24 mm*Angled. For double head.***171663** Mounting Bracket

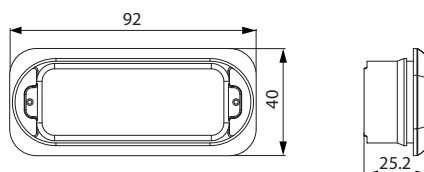
Servicing: Cargo 171661

Length 153 mm, **Thickness** 55 mm,
Width 25 mm*Angled 100°.***171664** Mounting Bracket

Servicing: Cargo 171662

Length 156 mm, **Thickness** 42 mm,
Width 30 mm*Adjustable.***171675** Rubber Adapter for Flush Mount

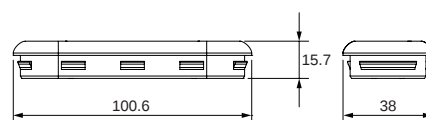
Servicing: Cargo 171646, 171648

Length 114.4 mm, **Height** 24.9 mm,
Width 40 mm, **Colour** Black,
Material Rubber**171728** Rubber Adapter for Flush Mount

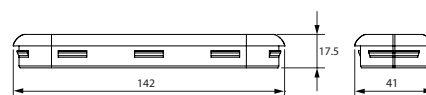
Servicing: Cargo 171641, 171642, 171644

Length 92 mm, **Height** 25.2 mm,
Width 40 mm, **Colour** Black**171766** Rubber Boot

Servicing: Cargo 171765

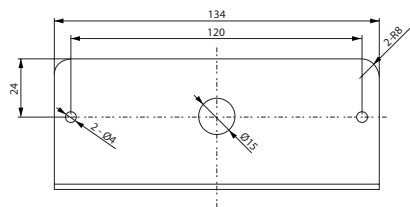
For flush mount of Cargo 171765.**171816** Rubber Adapter for Flush Mount

Servicing: Cargo 171815

Length 100.6 mm, **Height** 15.7 mm,
Width 38 mm, **Colour** Black**171817** Rubber adapter for flush mount

Servicing: Cargo 171813, 171814

Length 142 mm, **Height** 17.5 mm,
Width 41 mm, **Colour** Black

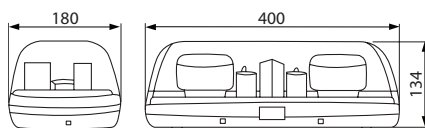


171907 Rubber adapter for flush mount
Servicing: Cargo 171906
Length 144 mm, **Height** 61 mm,
Width 20 mm, **Colour** Black

NEW PRODUCT
www.hc-cargo.com

171908 Mounting Bracket
Servicing: Cargo 171906
Angled. For single head.

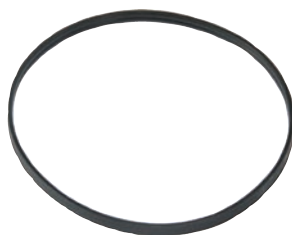
Light Bars



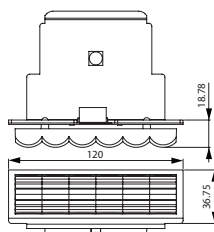
171681 Mini Light Bar
 12/24 V, **Mount.** Plan, **Length** 400 mm,
Height 134 mm, **Width** 180 mm,
Lens type Polycarbonat, **Bulb type** H1 12
 V, **Colour** Orange, **Material** ABS plastic,
Base Rigid, **Waterproof**, **Hi impact** Yes,
Coiled cable w/o, **Bulb incl.** Yes 12 V,
Tightness norm IP 56, **Approvals** CE,
E-approval Yes

Spare Parts

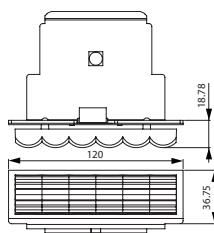
Pkg. 5



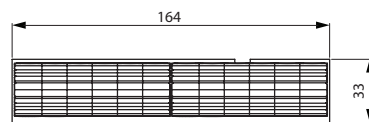
171820 Belt for Mini Light Bar
Servicing: Cargo 171681
Colour Black



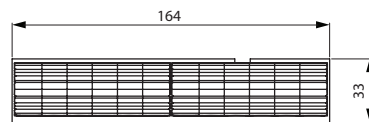
171856 LED Flash, amber
Servicing: Cargo 171760, 171761, 171849,
 171850, 171852, 171910, 171912
 12 V, **Length** 120 mm, **Height** 36.75 mm,
Width 18.78 mm, **Bulb type** 6 LED,
Colour Orange, **Approvals** SAE/ECE-R65,
E-approval Yes



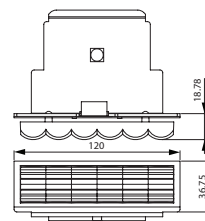
171857 LED Flash, amber
Servicing: Cargo 171851, 171853, 171911,
 171913, 171914
 24 V, **Length** 120 mm, **Height** 36.75 mm,
Width 18.78 mm, **Bulb type** 6 LED,
Colour Orange, **Approvals** SAE/ECE-R65,
E-approval Yes



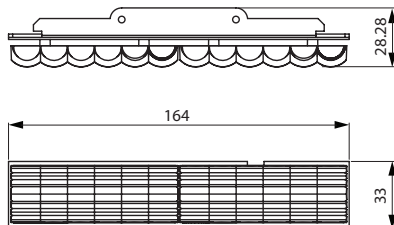
171858 LED Corner Flash, orange
Servicing: Cargo 171760, 171761, 171849,
 171850, 171852, 171910, 171912.
 12 V, **Length** 164 mm, **Height** 33 mm,
Width 28.28 mm, **Bulb type** 12 LED,
Colour Orange, **Approvals** SAE/ECE-R65



171859 LED Corner Flash, orange
Servicing: Cargo 171851, 171853, 171911,
 171913, 171914
 24 V, **Length** 164 mm, **Height** 33 mm,
Width 28.28 mm, **Bulb type** 12 LED,
Colour Orange, **Approvals** SAE/ECE-R65,
E-approval Yes



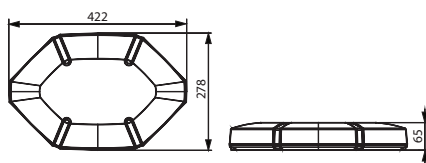
171915 LED Flash, blue
Servicing: Cargo 171909
 12 V, **Length** 120 mm, **Height** 36.75 mm,
Width 18.78 mm, **Bulb type** 6 LED,
Colour Blue, **Approvals** SAE/ECE-R65,
E-approval Yes

**171916** LED Corner Flash

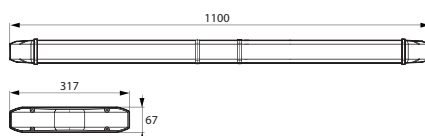
Servicing: Cargo 171809

12 V, Length 164 mm, Height 33 mm, Width 28.28 mm, Bulb type 12 LED, Colour Blue, Approvals SAE/ECE-R65, E-approval Yes

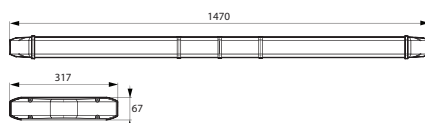
w/LED

**171680** LED Mini Light Bar

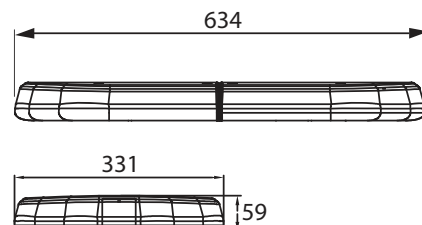
12/24 V, OD 422x278 mm, Mount. Plan, Height 65 mm, Lens type Polycarbonat, Bulb type 40x1W LED, Colour Orange, Base Magnetic/vacuum, Waterproof, Hi impact Yes, Coiled cable w/, Tightness norm IP 66, Approvals SAE/CE Bracket for permanent mounting: Cargo 171682. Change flash pattern on cigarplug. Can also be connected permanently. 26 flash patterns.

**171760** LED Light bar

12 V, 11.2 A, Mount. Plan, Length 1132 mm, Height 67 mm, Width 317 mm, Lens type Polycarbonat, Model 110 cm/44«, Colour Orange, Material Aluminium, Base Flexible, Waterproof, Hi impact Yes, Approvals SAE/CE Spare Parts: Cargo 171778. Accessories: Cargo 171777, 171779, 171780, 171781, 171762.

**171761** LED Lightbar

12 V, 11.2 A, Mount. Plan, Length 1252 mm, Height 67 mm, Width 317 mm, Lens type Polycarbonat, Model 147 cm/59«, Colour Orange, Material Aluminium, Base Flexible, Waterproof, Hi impact Yes, Approvals SAE/CE Spare Parts: Cargo 171778. Accessories: Cargo 171777, 171779, 171780, 171781, 171762.

**171849** LED Light bar

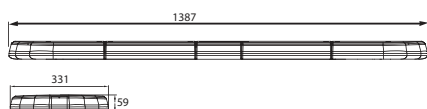
12 V, 10.4 A, Mount. Plan, Length 634 mm, Lens type Polycarbonat, Model 63.4 cm / 24«, Colour Orange, Material Aluminium, Base Flexible, Waterproof, Hi impact Yes, Approvals SAE/ECE-R65, E-approval Yes Spare Parts: Cargo 171781, 171856, 171858.

**171850** LED Light bar

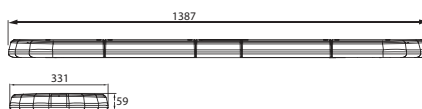
12 V, 13.4 A, Mount. Plan, Length 1087 mm, Height 59 mm, Width 331 mm, Lens type Polycarbonat, Model 108.7 cm/43«, Colour Orange, Material Aluminium, Base Flexible, Waterproof, Hi impact Yes, Approvals SAE/ECE-R65, E-approval Yes Spare Parts: Cargo 171781, 171856, 171858.



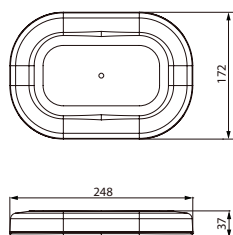
171851 LED Light bar
24 V, 8.2 A, **Mount.** Plan,
Length 1087 mm, **Lens type** Polycarbonat,
Model 108.7 cm/43«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171857, 171859, 171865.



171852 LED Light bar
12 V, 16.2 A, **Mount.** Plan,
Length 1387 mm, **Height** 59 mm,
Width 331 mm, **Lens type** Polycarbonat,
Model 138.7 cm/54«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171781, 171856, 171858.



171853 LED Light bar
24 V, 10.2 A, **Mount.** Plan,
Length 1387 mm, **Lens type** Polycarbonat,
Model 138.7 cm/54«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171857, 171859, 171865.



171854 LED Micro Light Bar
12/24 V, OD 248x172 mm, **Mount.** Plan,
Length 248 mm, **Height** 37 mm,
Width 172 mm, **Lens type** Polycarbonat,
Bulb type 30x1 W LED, **Colour** Orange,
Base Magnetic, Waterproof,
Approvals SAE/ECE-R65, **E-approval** Yes
Bracket for permanent mounting: Cargo 171855. Change flash pattern on cigarplug. Can also be connected permanently. 23 flash patterns.



171909 LED Light bar
12 V, 16.4 A, **Mount.** Plan,
Length 1100 mm,
Lens type Polycarbonat,
Model 110 cm/43«, **Colour** Blue,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171915, 171916. Spare Parts: Cargo 171781.



171911 LED Light bar
24 V, 7.2 A, **Mount.** Plan,
Length 914 mm, **Lens type** Polycarbonat,
Model 91.4cm - 36«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171857, 171859. Accessories: Cargo 171865, 171762.



171912 LED Light bar
12 V, 14.8 A, **Mount.** Plan,
Length 1245 mm, **Lens type** Polycarbonat,
Model 124.5 cm/49«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171856, 171858. Accessories: Cargo 171781, 171762.



171913 LED Light bar
 24 V, 9.2 A, **Mount.** Plan,
Length 1245 mm, **Lens type** Polycarbonat,
Model 124.5 cm/49«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
 Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171857, 171859.
Accessories: Cargo 171865, 171762.



171914 LED Light bar
 24 V, 11.2 A, **Mount.** Plan,
Length 1524 mm, **Lens type** Polycarbonat,
Model 152.4 cm/60«, **Colour** Orange,
Material Aluminium, **Base** Flexible,
 Waterproof, **Hi impact** Yes,
Approvals SAE/ECE-R65, **E-approval** Yes
Spare Parts: Cargo 171857, 171859.
Accessories: Cargo 171865, 171762.

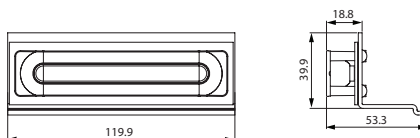
Accessories



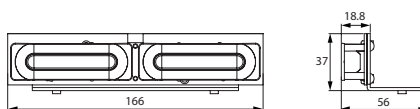
171682 Mounting Bracket for LED Mini
 Light Bar
Servicing: Cargo 171680
Dist. mount. holes 212 mm,
Thickness 3 mm



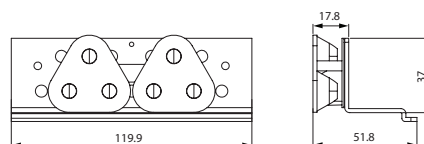
171762 Switch Panel
Servicing: Cargo 171760, 171761, 171849,
 171850, 171851, 171852, 171853, 171909,
 171910, 171911, 171912, 171913, 171914
Mount. hole size 4 mm,
Type/terminal Flat, **Colour** Black,
Button colour Black,
Solenoid S1-S4 On / Off, S5 Shift,
Switch combination Off-Start,
Material Metal
Dim: 134x39x23 mm.



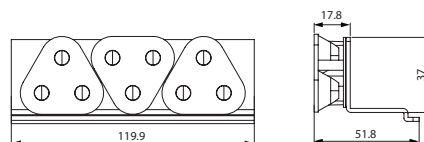
171777 LED Flash, amber
Servicing: Cargo 171760, 171761
 12 V, **Length** 119.9 mm,
Height 39.9 mm, **Width** 18.8 mm,
Bulb type 6 LED, **Colour** Orange



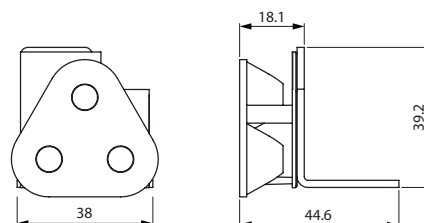
171778 LED Corner Flash, orange
Servicing: Cargo 171760, 171761
 12 V, **Length** 166 mm, **Height** 37 mm,
Width 18.8 mm, **Bulb type** 12 LED,
Colour Orange



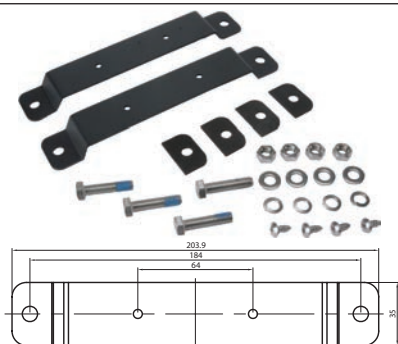
171779 LED Work Lamp
Servicing: Cargo 171760, 170761
 12 V, **Length** 119.9 mm, **Height** 37 mm,
Width 17.8 mm, **Bulb type** 6 LED



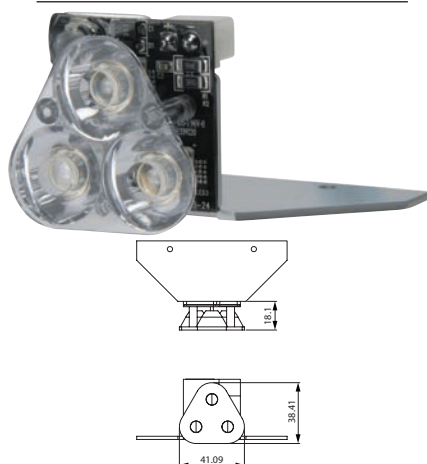
171780 LED Work Lamp
Servicing: Cargo 171760, 171761
 12 V, **Length** 119.9 mm, **Height** 37 mm,
Width 17.8 mm, **Bulb type** 9 LED



171781 LED Alley light
Servicing: Cargo 171760, 171761, 171749,
 171850, 171852, 171909, 171910, 171913
 12 V, **Length** 38 mm, **Height** 39.2 mm,
Width 18.1 mm, **Bulb type** 3 LED,
Approvals SAE/ECE-R65, **E-approval** Yes



171855 Mounting Bracket for LED Micro Light Bar
Servicing: Cargo 171854
Dist. mount. holes 64/184 mm,
Total length 203.9, **Height** 14 mm,
Width 35 mm



171865 LED Alley light
Servicing: Cargo 171851, 171853, 171911, 171913, 171914
24 V, **Height** 38.41 mm, **Bulb type** 3 LED,
Approvals SAE/ECE-R65, **E-approval** Yes

Beacon Sockets



170292 Beacon Socket
Mount. Weld, **Length** 100 mm,
Socket DIN 72591 1 terminal,
Material Steel



170387 Beacon Socket
Mount. w/ nuts, **Socket** DIN 72591 1 terminal, **Material** Electro galvanized



170405 Beacon Socket
Mount. Flat, **Length** 108 mm,
Mount. hole size 10 mm, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel, **Bracket** Angled 90°



170406 Beacon Socket
Mount. 2 screws, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel, **Bracket** Adjustable



170419 Beacon Socket
Mount. Vertical, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel, **Bracket** Angled 90°



170460 Beacon Socket
Servicing: John Deere tractor etc
Mount. 1 bolt, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel, **Bracket** Angled



170531 Extension
Length 500 mm, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel



170537 Beacon Socket
Mount. Vertical, **Socket** DIN 72591 2 terminal, **Material** Electro galvanized, **Bracket** Straight



170562 Beacon Socket
Mount. 2 screws, **Socket** DIN 72591 2 terminal, **Material** Galvanised steel, **Bracket** Angled 90°



170788 Beacon Socket
Mount. Flat, **Length** 102 mm,
Mount. hole size 10 mm, **Socket** DIN 72591 1 terminal, **Material** Electro galvanized, **Bracket** Angled



170789 Beacon Socket
Socket DIN 72591 1 terminal,
Material Electro galvanized,
Bracket Flexible

**171576** Beacon Socket**Servicing:** IH/CASE**Mount.** Vertical, **Socket** DIN 72591 2 terminal, **Material** Steel, **Bracket** Straight

Spare Parts



Pkg. 10

180376 DIN Socket**Servicing:** Cargo 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460**ID/mount. hole** 18.5 mm, **Material** Brass, **Connection** Terminal, **No./poles** 2, Female, **DIN norm** 72591
Also used in sockets for beacons.

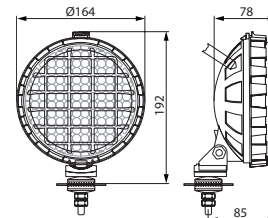
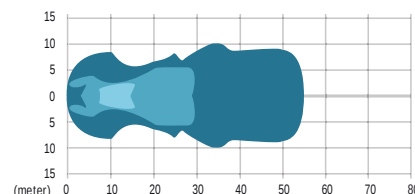
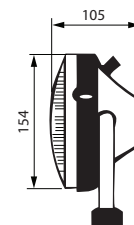
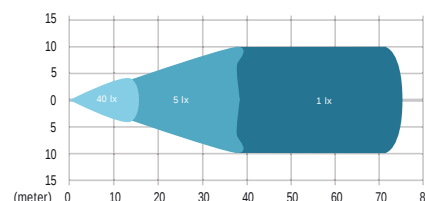
Pkg. 10

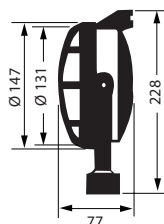
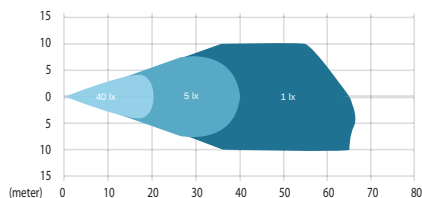
180377 DIN Socket**Servicing:** Cargo 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460**Mount. hole size** 18 mm, **Socket** DIN 72591 2 terminal
2-pole flat plug.

Pkg. 10

171513 Rubber Booty for Beacon Socket**Servicing:** Cargo 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460**Material** Rubber**171518** Coiled Cable**Servicing:** Cargo 170292, 170387, 170405, 170788, 170406, 170562, 170789, 170537, 171576, 170419, 170460**Working length** 2 m, **Plug type** Cigar plug, **Plugs** 2, **ISO norm** 4165**171562** Coiled Cable**Servicing:** Cargo 171763, 171764, 171494, 171495, 171496**Working length** 3 m, **Plug type** Cigar plug w/ plug.

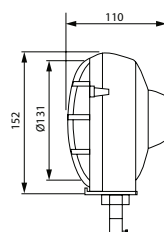
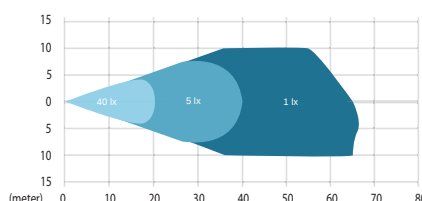
Work Lamps

**170093** Work Lamp**Light aperture** 136 mm, **Dim.** 164x192x85 mm, **Type** H3, **Socket type** PK22s, **Colour** Black, **Mount. bracket** Single bolt fixing, **Material/dome** Glass, **Material/house** Plastic, **Reflector system** Single, **Shape** Round, **Handle** w/, **Bulb incl.** No, **Lamp grill incl.** Yes, **Switch** w/**170130** Work Lamp**Light aperture** 154x154 mm, **Dim.** 154x105 mm, **Type** H3, **Socket type** PK22s, **Colour** Black, **Mount. bracket** U-bracket w/ 2 holes, **Material/dome** Glass, **Material/house** Shockproof plastic, **Reflector system** Single, **Shape** Square, **Handle** w/, **Bulb incl.** No, **Switch** w/



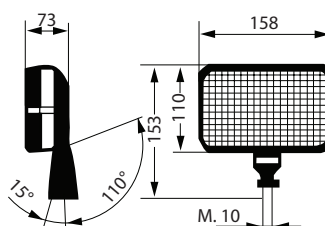
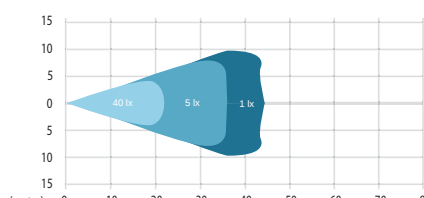
170237 Work Lamp

Light aperture 131 mm,
Dim. 228x77 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 2 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Round,
Handle w/, **Bulb incl.** No,
Lamp grill incl. Yes, **Switch** w/



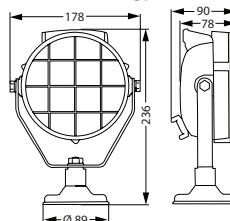
170313 Work Lamp

Light aperture 131 mm,
Dim. 152x110 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket Single bolt fixing,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Round,
Handle w/o, **Bulb incl.** No,
Lamp grill incl. Yes, **Switch** w/o



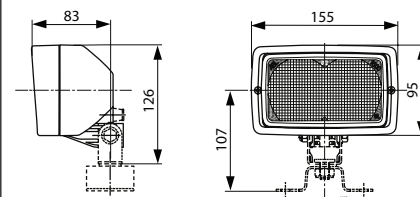
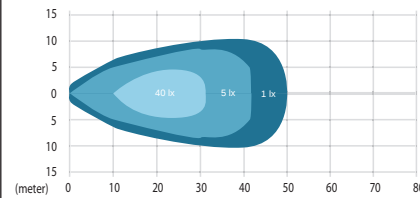
170489 Work Lamp

Light aperture 155x104 mm,
Dim. 158x153x73 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket Single bolt fixing,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single,
Shape Rectangular, **Handle** w/o,
Bulb incl. No, **Lamp grill incl.** Yes,
Switch w/o
w/o U-bracket.



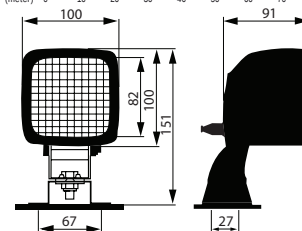
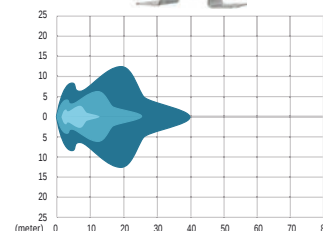
170534 Work Lamp

Light aperture 130 mm,
Dim. 178x236x90 mm,
Coiled cable 2000 mm, **Colour** Black,
Material/dome Glass,
Material/house Metal, **Shape** Round,
Magnet base w/, **Lighter plug incl.** Yes,
Handle w/, **Coiled cable incl.** Yes,
Bulb incl. No, **Lamp grill incl.** Yes,
Switch w/



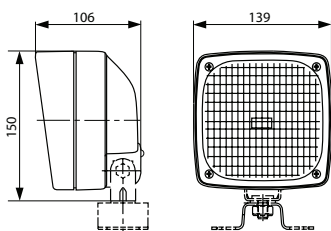
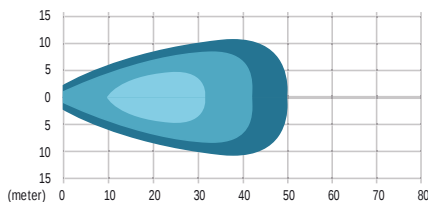
170851 Work Lamp

12/24/36/48 V, **Light aperture** 136x88 mm,
Dim. 155x95x83 mm, **Type** H3, **Colour** Black,
Mount. bracket U-bracket w/ 6 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Dual, **Shape** Rectangular,
Handle w/o, **Bulb incl.** No, **Switch** w/o,
Tightness norm IP 54



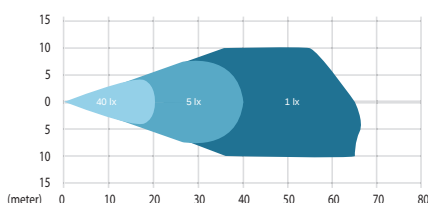
170857 Work Lamp

Light aperture 73x73 mm,
Dim. 100x151x91 mm, **Mount.** Upright/pendant,
Type H3, **Socket type** PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 4 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Free form, **Shape** Square,
2 poles w/, **Handle** w/o, **Bulb incl.** No,
Lamp grill incl. No, **Switch** w/o,
Tightness norm IP 66



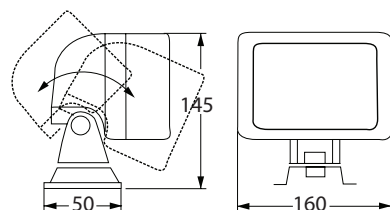
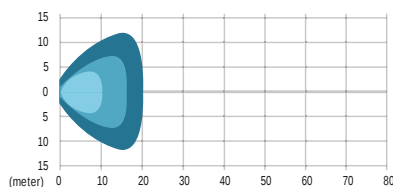
170859 Work Lamp

Light aperture 123x123 mm,
Dim. 139x150x106 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 6 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Free form, **Shape** Square,
Handle w/o, **Bulb incl.** No, **Switch** w/o



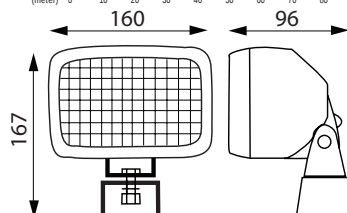
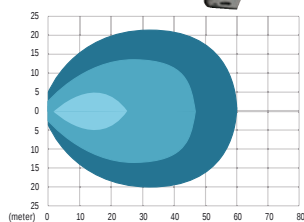
170970 Work Lamp

Light aperture 130 mm,
Dim. 160x145x50 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 2 holes,
Material/dome Glass,
Material/house Metal, **Shape** Round,
Handle w/, **Bulb incl.** No,
Lamp grill incl. Yes, **Switch** w/



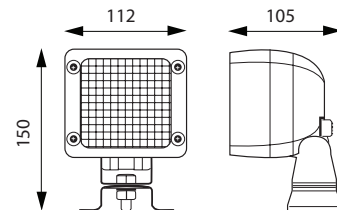
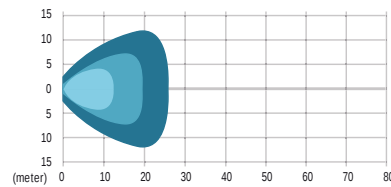
170979 Work Lamp

Light aperture 123x72 mm,
Dim. 160x145x50 mm, **Mount.** Flat,
Type H3, **Socket type** PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 4 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Shape Rectangular, **Handle** w/o, **Bulb incl.** No,
Lamp grill incl. No, **Switch** w/o
External plug for flat plug connection.



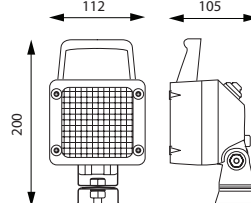
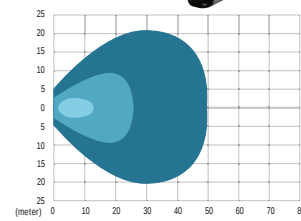
170980 Work Lamp

Servicing: Universal
Light aperture 123x78 mm,
Dim. 160x167x96 mm, **Mount.** Flat,
Type H3, **Colour** Black,
Mount. bracket U-bracket w/ 4 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Dual, **Shape** Rectangular,
2 poles w/o, **Handle** w/o, **Bulb incl.** No,
Lamp grill incl. No, **Switch** w/o,
Tightness norm IP 65
External plug for flat plug connection.



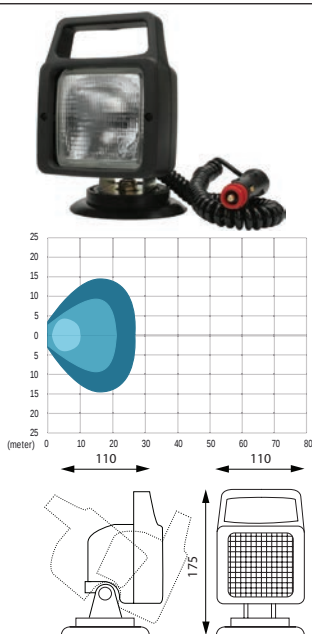
170982 Work Lamp

Light aperture 73x73 mm,
Dim. 112x150x105 mm, **Mount.** Flat,
Type H3, **Socket type** PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 4 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Square,
Handle w/o, **Bulb incl.** No,
Lamp grill incl. No, **Switch** w/o,
Tightness norm IP 67
External plug for 6.3 mm flat plug connection.



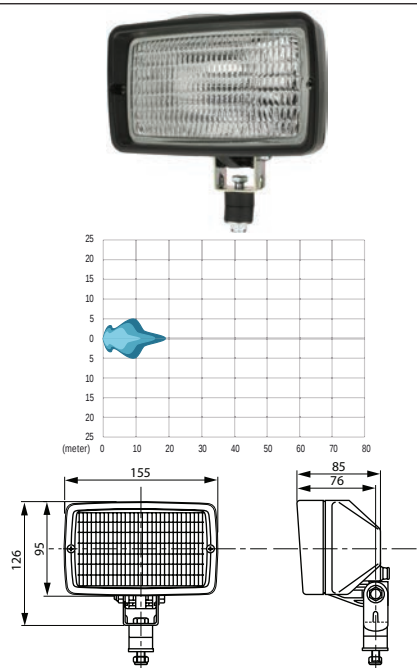
170983 Work Lamp

Light aperture 73x73 mm,
Dim. 112x200x105 mm, **Mount.** Flat,
Type H3, **Socket type** PK22s, **Colour** Black,
Mount. bracket U-bracket w/ 4 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Square,
Handle w/, **Bulb incl.** No, **Switch** w/,
Tightness norm IP 65
External plug for 6.3 mm flat plug connection.



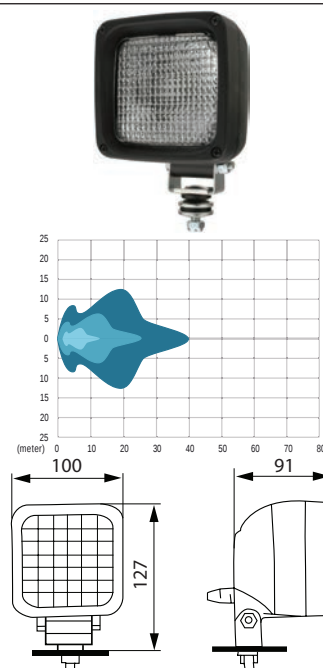
170984 Work Lamp

Light aperture 73x73 mm,
Dim. 110x175x110 mm, **Coiled cable** 2000 mm,
Type H3, **Socket type** PK22s,
Colour Black, **Material/dome** Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Square,
Magnet base w/, **2 poles** w/,
Lighter plug incl. Yes, **Handle** w/,
Coiled cable incl. Yes, **Bulb** incl. No, **Switch** w/
External plug for 6.3 mm flat plug connection.



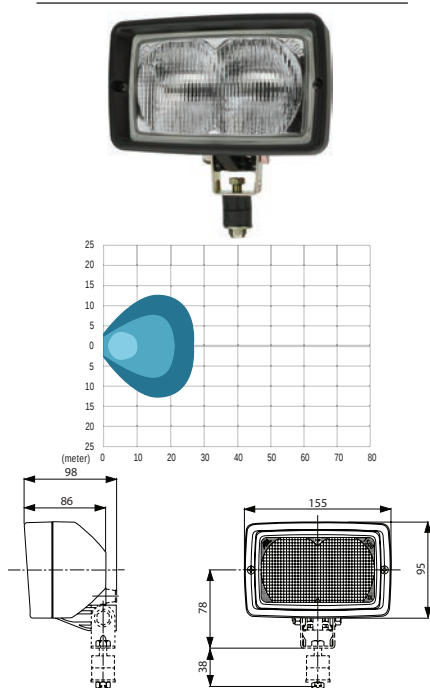
171168 Work Lamp

Light aperture 123x72 mm,
Dim. 155x126x85 mm, **Type** H3,
Colour Black, **Material/dome** Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Rectangular,
Inclination/downwards 40,
Inclination/upwards 100, **Handle** w/o,
Bulb incl. No, **Lamp grill** incl. No, **Switch** w/o



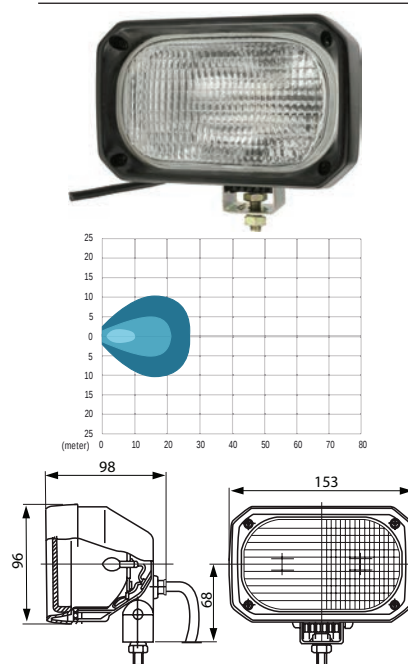
171449 Work Lamp

55 W, Light aperture 73x73 mm,
Dim. 100x127x91 mm,
Mount. Upright/pendant, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket Single bolt fixing,
Material/dome Shockproof plastic,
Material/house Glass, **Reflector system** Single,
Shape Square, **2 poles** w/, **Handle** w/o,
Bulb incl. No, **Lamp grill** incl. No,
Switch w/o, **Tightness norm** IP 66
External plug for multiplug connection.



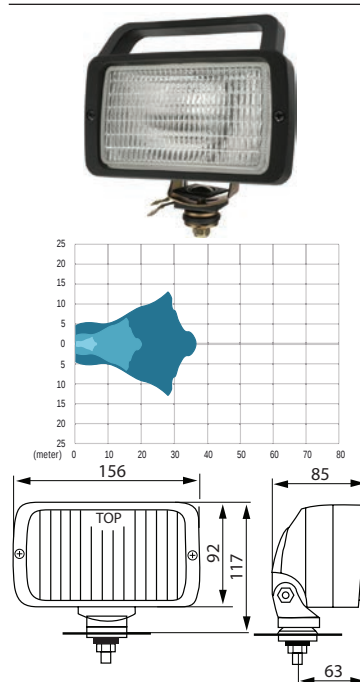
171167 Work Lamp

12/24/36/48 V, Light aperture 136x88 mm,
Dim. 155x95x86 mm, **Type** H3, **Colour** Black,
Mount. bracket U-bracket w/ 6 holes,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Dual, **Shape** Rectangular,
Handle w/o, **Bulb** incl. No, **Switch** w/o,
Tightness norm IP 54



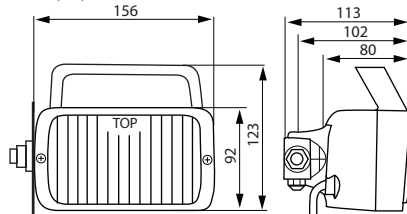
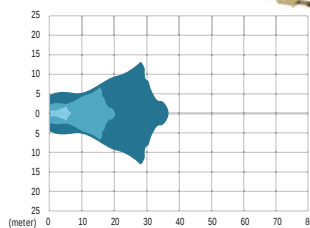
171347 Work Lamp

Light aperture 124x72 mm,
Dim. 153x96x98 mm,
Mount. Upright/pendant, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket Single bolt fixing,
Material/dome Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Rectangular,
Handle w/o, **Bulb** incl. No,
Lamp grill incl. No, **Switch** w/o

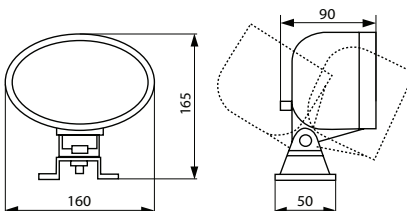
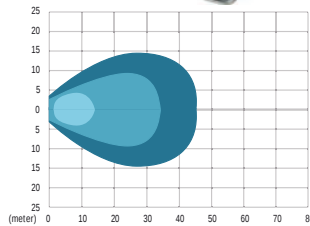


171564 Work Lamp

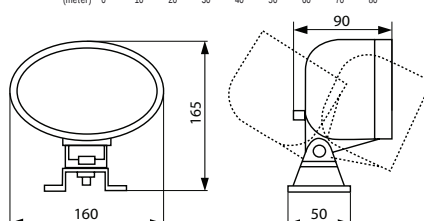
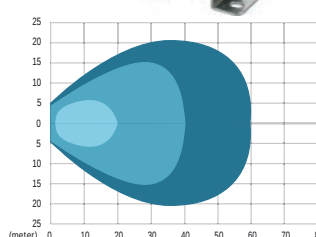
Light aperture 120x68 mm,
Dim. 156x117x85 mm, **Type** H3,
Socket type PK22s,
Material/dome Shockproof plastic,
Material/house Glass, **Shape** Rectangular,
Handle w/, **Bulb** incl. No, **Lamp grill** incl. No,
Switch w/, **Tightness norm** IP 55

**171566** Work Lamp

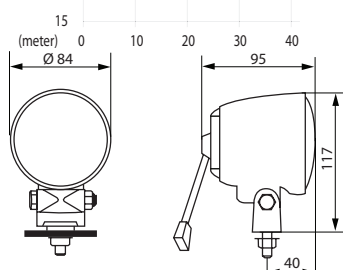
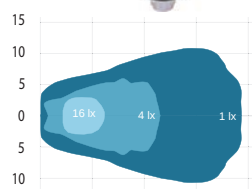
Light aperture 123x70 mm,
Dim. 156x123x113 mm, **Type** H3,
Socket type PK22s, **Colour** Black,
Mount. bracket Sidemounted,
Material/dome Glass,
Material/house Shockproof plastic,
Shape Rectangular, **Inclination/downwards** Yes,
Inclination/sideways Yes,
Inclination/upwards Yes, **Handle** w/o,
Bulb incl. No, **Lamp grill incl.** No,
Switch w/o, **Tightness norm** IP 55

**171619** Work Lamp

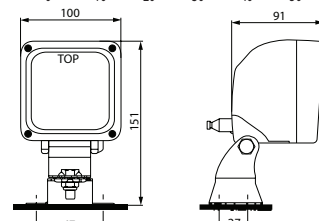
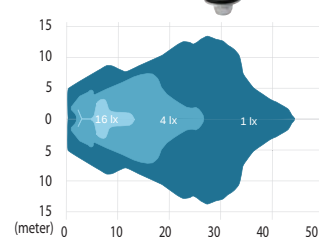
70 W, **Light aperture** 77x130 mm,
Dim. 160x165x90 mm, **Type** H3,
Socket type PK22s, **Model** Compact 5000,
Colour Black, **Mount. bracket** Bracket,
Material/dome Glass, **Material/house** Shockproof plastic,
Reflector system Single, **Shape** Oval,
2 poles w/, **Bulb incl.** No

**171620** Work Lamp

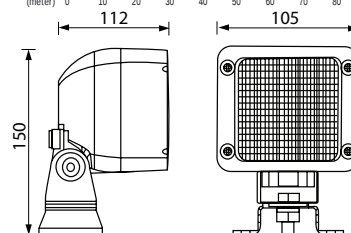
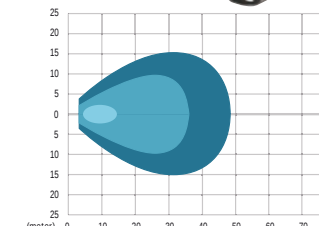
12/24 V, **55/70 W**,
Light aperture 77x130 mm,
Dim. 160x165x90 mm, **Type** H3,
Model Twin beam 5000, **Colour** Black,
Mount. bracket Bracket,
Material/dome Shockproof plastic,
Reflector system Dual, **Shape** Oval,
2 poles w/, **Bulb incl.** No

**171745** Work Lamp

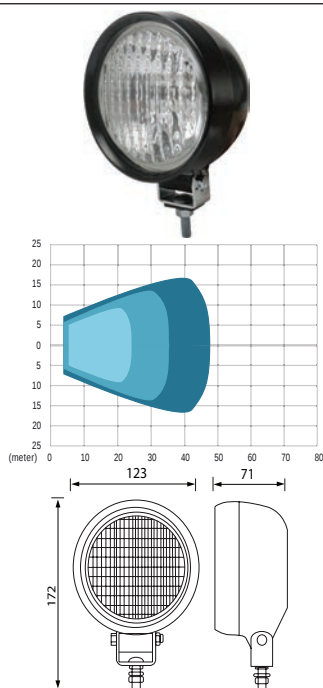
55 W, **Light aperture** 69 mm,
Dim. 117x84x95 mm, **Mount.** 1 bolt,
Type H3, **Colour** Black,
Mount. bracket U-bracket w/ 1 bolt,
Material/dome Glass,
Material/house ABS plastic,
Reflector system Single, **Shape** Round,
2 poles w/, **Handle** w/o, **Bulb incl.** No,
Switch w/o, **Tightness norm** IP 66

**171782** Work Lamp

55 W, **Light aperture** 73x73 mm,
Dim. 100x151x91 mm, **Mount.** Upright/
pendant, **Type** H3, **Socket type** PK22s,
Colour Black, **Mount. bracket** Single
bolt fixing, **Material/dome** Glass,
Material/house Shockproof plastic,
Reflector system Single, **Shape** Square,
2 poles w/, **Handle** w/o, **Bulb incl.** No,
Switch w/, **Tightness norm** IP 66
w/ Deutsch multiconnection.

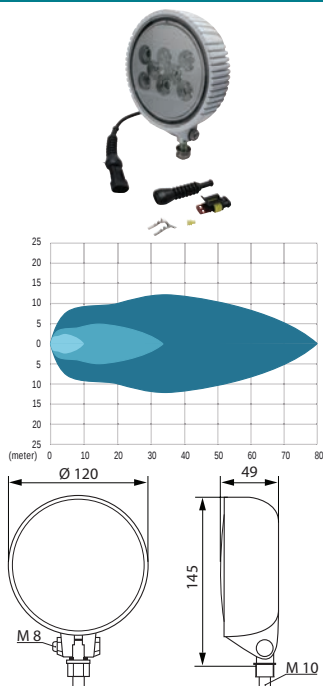
**171845** Work Lamp

Servicing: Marine
12/24 V, **55/70 W**,
Dim. 105x150x112 mm, **Mount.** Single
bolt fixing, **Type** H3, **Colour** White,
Mount. bracket Hook fastening,
Material/dome Glass, **Shape** Square,
Bulb incl. Yes, **Tightness norm** IP 65

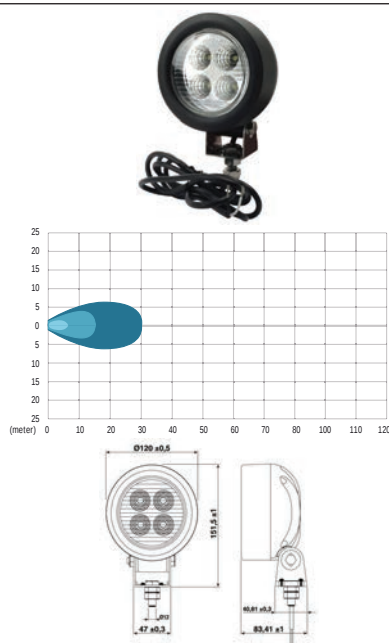


171848 Work Lamp
12/24 V, 55/70 W, Dim. 123x172x71 mm,
Type H3, Colour Black,
Mount. bracket Single bolt fixing,
Material/dome Glass, Material/
house PVC, Shape Round, Bulb incl. No

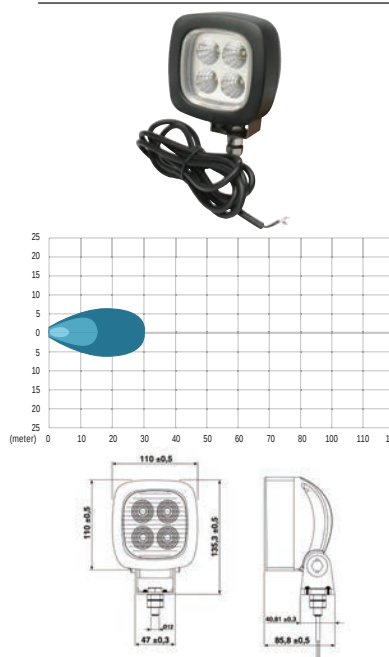
w/LED



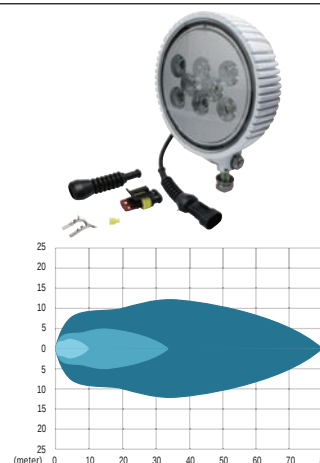
171640 LED Work Lamp
9-30 V, 24 W, 1440 lm, Light aperture 130 mm,
Dim. 120x145x49 mm, Mount. 1 nut,
Type LED, Model 8 LED, Colour Grey,
Mount. bracket w/ 1 nut,
Material/house Aluminium, Shape Round,
Magnet base w/o, 2 poles w/,
Handle w/o, Switch w/o,
Tightness norm IP 69K, Approvals GGVS/
ADR, E-approval Yes



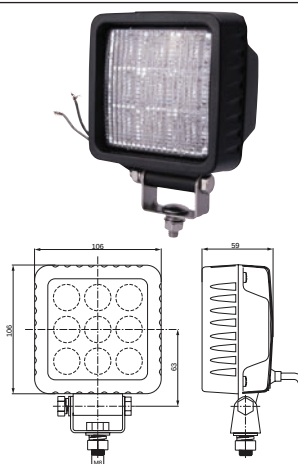
171671 LED Work Lamp
9-56 V, 8.5 W, 450 lm, 5000-6500 Kelvin, 800 cd,
Light aperture 100 mm,
Dim. 120x151.5x83.5 mm, Type LED,
Colour Black, Mount. bracket w/ 1 nut,
Material/dome Shockproof plastic,
Material/house Shock thermo plastic,
Shape Round, Magnet base w/o,
2 poles w/o, Handle w/o, Switch w/o,
Tightness norm IP 66
4 diodes. Black cable negative.



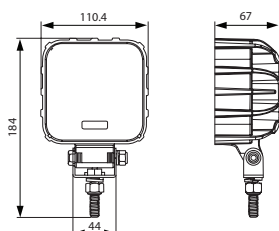
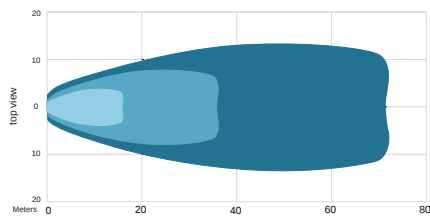
171672 LED Work Lamp
9-56 V, 8.5 W, 450 lm, 5000-6500 Kelvin,
800 cd, Light aperture 100 mm,
Dim. 110x153.5x86 mm, Mount. Bracket,
Type LED, Colour Black,
Mount. bracket 1 nut,
Material/dome Shockproof plastic,
Material/house Shockproof plastic,
Shape Square, Tightness norm IP 66
4 diodes.



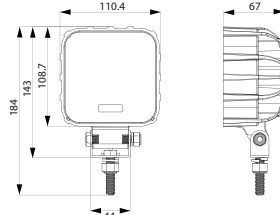
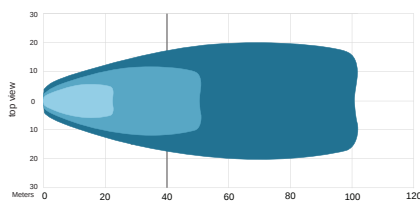
171723 LED Work Lamp
9-30 V, 24 W, 1440 lm,
Light aperture 130 mm,
Dim. 154x130x53 mm, Mount. 1 nut,
Type LED, Model 8 LED - Marine,
Colour White, Mount. bracket w/ 1 nut,
Material/house Aluminium, Shape Round,
2 poles w/, Tightness norm IP 69K,
Approvals GGVS/ADR, E-approval Yes



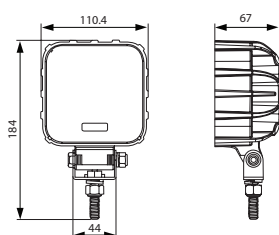
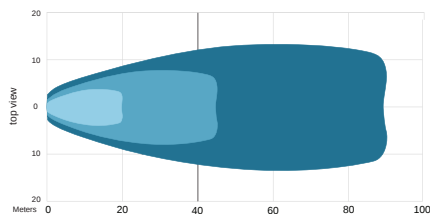
171727 LED Work Lamp
9-33 V, 9 W, 800-1000 lm,
5000-5500 Kelvin,
Light aperture 85x85 mm,
Dim. 106x106x59 mm, Type LED,
Colour Black, Mount. bracket Bracket,
Material/dome Shockproof plastic,
Material/house Moulded aluminium,
Shape Square, Handle w/o, Switch w/o,
Tightness norm IP 67, E-approval Yes
Grey lead +, white lead -.



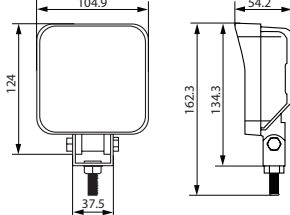
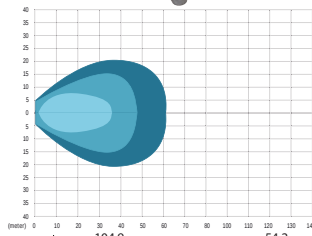
171753 LED Work Lamp
11-70 V, A, 22 W, 1000 lm,
Light aperture 88x88 mm,
Dim. 110.4x184x67 mm, Type LED,
Model 6 LED, Colour Black,
Mount. bracket Single bolt fixing,
Material/house Moulded aluminium,
Shape Square, Tightness norm IP 67



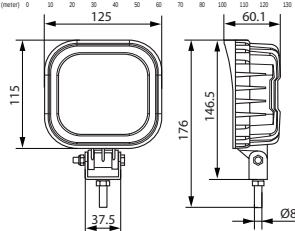
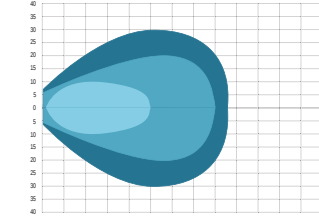
171755 LED Work Lamp
11-70 V, A, 27 W, 1900 lm,
Light aperture 88x88 mm,
Dim. 110.4x184x67 mm, Type LED,
Model 6 LED, Colour Black,
Mount. bracket Single bolt fixing,
Material/house Moulded aluminium,
Tightness norm IP 67, E-approval No



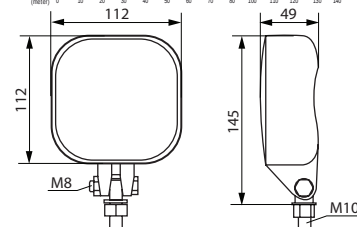
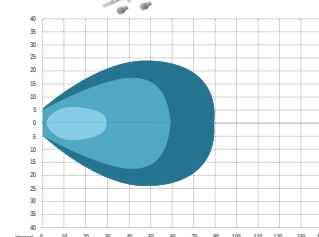
171754 LED Work Lamp
11-70 V, A, 22 W, 1400 lm,
Light aperture 88x88 mm,
Dim. 110.4x184x67 mm, Type LED,
Model 6 LED, Colour Black,
Mount. bracket Single bolt fixing,
Material/house Moulded aluminium,
Shape Square, Magnet base w/o,
2 poles w/o, Handle w/o, Switch w/o,
Tightness norm IP 67, E-approval No



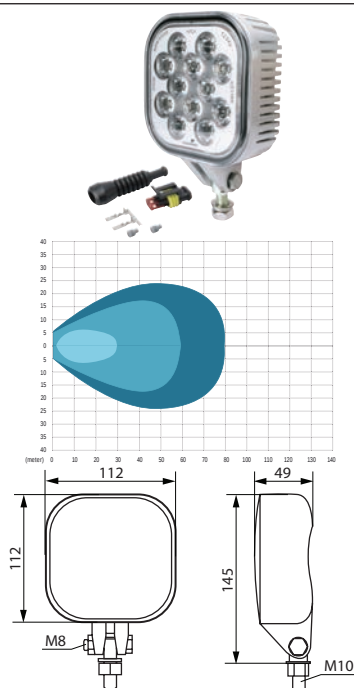
171751 LED Work Lamp
9-36 V, 19 W, 1200 lm, 2210 cd,
Light aperture 100x100 mm,
Dim. 104.9x162.3x54.2 mm, Type LED,
Model 6 LED, Colour Black,
Mount. bracket U-bracket w/ 1 bolt,
Material/dome Polycarbonat,
Material/house Moulded aluminium,
Handle w/o, Switch w/o,
Tightness norm IP 67
White cable to ground. Black cable to +12/36 V.



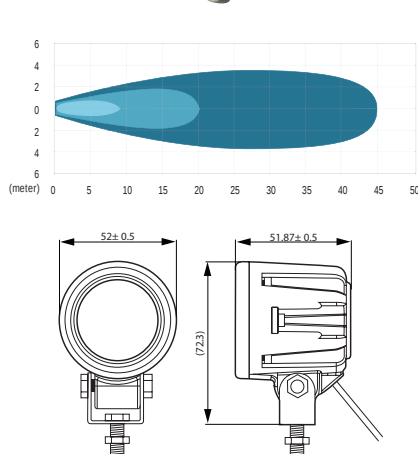
171752 LED Work lamp
12-36 V, 20 W, 1800 lm, 3600 cd,
Light aperture 93x83 mm,
Dim. 125x176x60.1 mm,
Mount. U-bracket w/ 1 bolt, Type LED,
Model 9 LED, Colour Black,
Material/dome Polycarbonat,
Material/house Moulded aluminium,
Switch w/o, Tightness norm IP 67
White cable to ground. Black cable to +12/36 V.



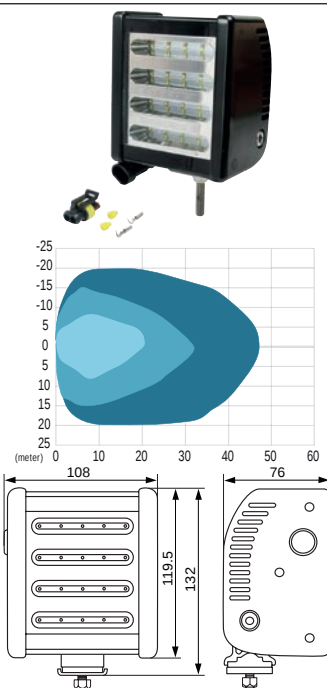
171774 LED Work Lamp
11-30 V, 40 W, 3200 lm,
Dim. 112x112x49 mm, Mount. U-bracket
w/ 1 bolt, Type LED, Model 12 LED,
Colour Silver, Material/house Moulded
aluminium, Shape Square,
Tightness norm IP 69K,
Approvals GGVs/ADR, E-approval Yes



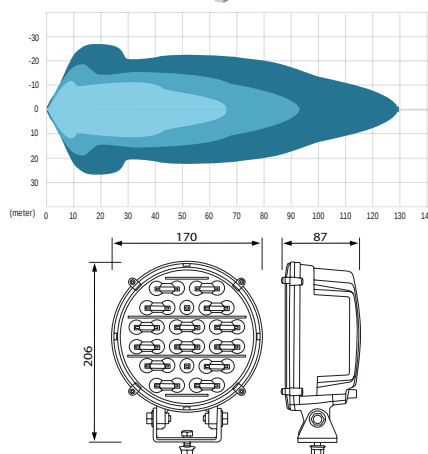
171775 LED Work Lamp
11-30 V, 36 W, 1800 lm,
Dim. 112x112x49 mm, Mount. U-bracket
w/ 1 bolt, Type LED, Model 12 LED,
Colour Silver, Material/house Moulded
aluminium, Tightness norm IP 69K,
Approvals EMC/ADR/GGVS
Lifetime for LED is 50.000 hours.



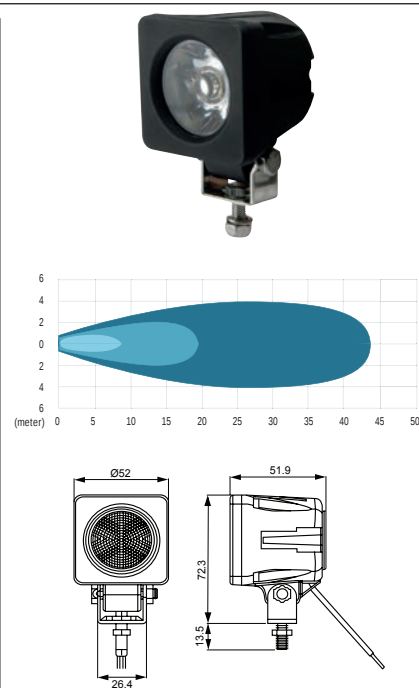
171811 LED Work Lamp
10-80 V, 5 W, 600 lm, 5000-6500 Kelvin,
2000 cd, Light aperture 35 mm,
Dim. 72.3x52x51.87 mm, Type LED,
Colour Black, Mount. bracket Bracket,
Material/house Aluminium, Shape Round,
Inclination/downwards Yes,
Inclination/upwards Yes,
Tightness norm IP 66, Approvals CE
Pre-wired w/ 30 cm cable.



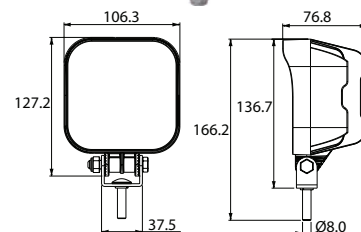
171838 LED Work Lamp
9-36 V, 1.2/2.5 A, 28-30 W, 3000 lm,
Mount. Single bolt fixing, Model 20 LED,
Colour Black, Material/dome Polycarbonat,
Material/house Aluminium,
Shape Square, 2 poles w/,
Tightness norm IP 67, Approvals CE



171846 LED Work Lamp
9-36 V, 6/3 A, 67.5 W, 5400 lm,
Dim. 170x206x87 mm, Type LED,
Colour Black, Mount. bracket Bracket,
Material/dome Polycarbonat,
Material/house Aluminium,
Shape Round, Inclination/downwards 45,
Inclination/upwards 45, 2 poles w/,
Tightness norm IP 67, Approvals CE

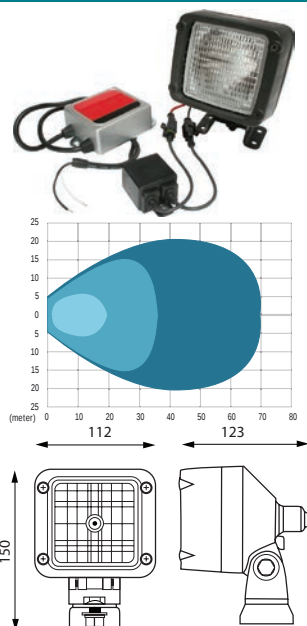


171847 LED Work Lamp
10-80 V, 0.3 A, 5 W, 600 lm,
5000-6500 Kelvin, 2000 cd,
Dim. 52x51.9x72.3 mm, Type LED,
Model LED, Colour Black, Shape Square,
Inclination/downwards Yes,
Inclination/upwards Yes,
Tightness norm IP 67, Approvals CE
Pre-wired w/ 30 cm cable.

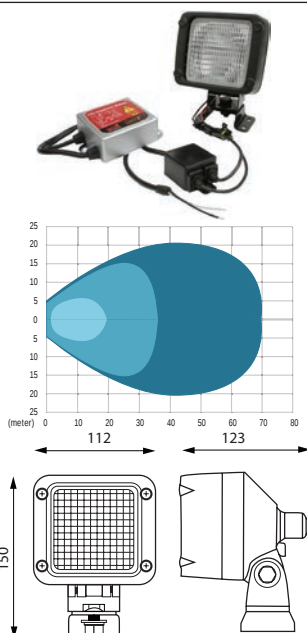


171932 LED Work Lamp
12-36 V, 40 W, 3200 lm,
Dim. 127.2x106.3x76.8 mm, Type LED,
Model 4 LED, Colour Black,
Mount. bracket Bracket,
Material/house Aluminium, Shape Square,
Tightness norm IP 67, E-approval Yes
280 mm cable.

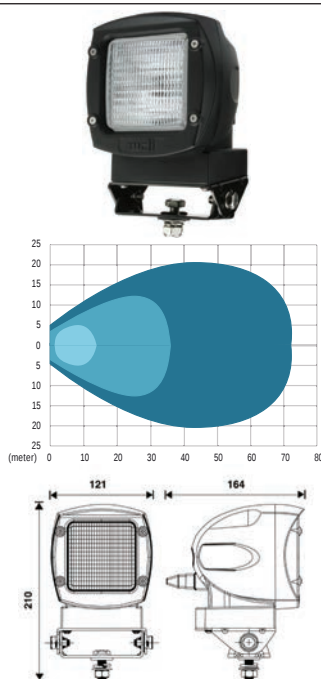
w/HID

**171594** HID Work Lamp

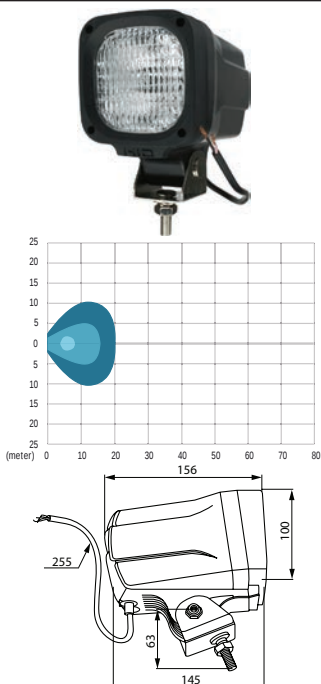
12 V, Light aperture 73x73 mm, Dim. 112x150x123 mm, Type H3, Colour Black, Mount. bracket Mounting bracket, Material/dome Glass, Material/house Shockproof plastic, Shape Square, Ballast External, Magnet base w/o, 2 poles w/, Handle w/o, Bulb incl. Yes, Switch w/o, Tightness norm IP 65
Bulb: Cargo 171595.

**171611** HID Work Lamp

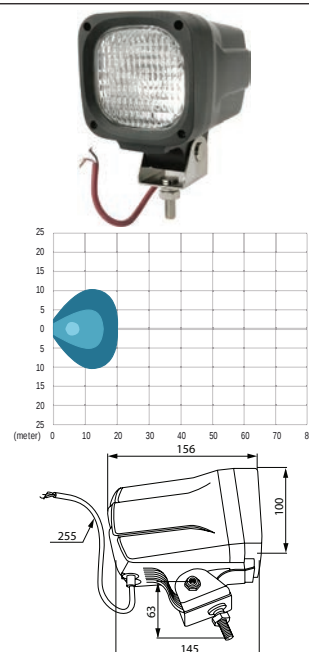
24 V, Light aperture 73x73 mm, Dim. 112x150x123 mm, Type H3, Model HID, Colour Black, Mount. bracket Mounting bracket, Material/dome Glass, Material/house Shockproof plastic, Shape Square, Ballast External, Magnet base w/o, 2 poles w/, Handle w/o, Bulb incl. Yes, Switch w/o, Tightness norm IP 65
Bulb: Cargo 171595.

**171615** HID Work Lamp

12 V, 35 W, Light aperture 73x73 mm, Type D1S, Socket type PK32d-2, Colour Black, Mount. bracket Hook fastening, Material/dome Glass, Material/house Shockproof plastic, Reflector system Single, Shape Square, Magnet base w/o, Handle w/o, Bulb incl. Yes, Switch w/o, Tightness norm IP 65

**171625** HID Work Lamp

12 V, 35 W, Light aperture 75 mm, Dim. 156x100 mm, Mount. Single bolt fixing, Type D2S, Socket type PK32d-2, Colour Black, Mount. bracket Hook fastening, Material/dome Glass, Material/house Aluminium, Reflector system Single, Shape Square, Magnet base w/o, 2 poles w/o, Handle w/o, Bulb incl. Yes, Switch w/o

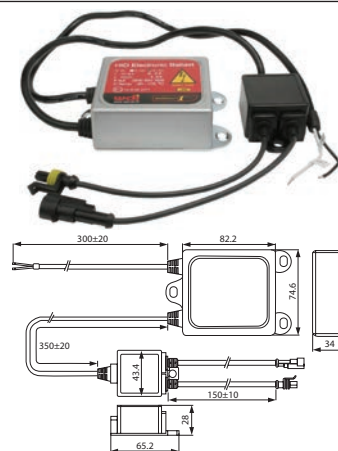
**171626** HID Work Lamp

24 V, 35 W, Light aperture 75 mm, Dim. 156x100 mm, Mount. Single bolt fixing, Type D2S, Socket type PK32d-3, Colour Black, Mount. bracket Mounting bracket, Material/dome Glass, Material/house Aluminium, Reflector system Single, Shape Square, Magnet base w/o, 2 poles w/o, Handle w/o, Bulb incl. Yes, Switch w/o

Spare Parts

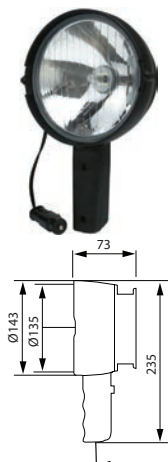
**171595** Xenon Bulb

Servicing: Cargo 171594
Type 2 Xenon, Type 3 H3

**171612** Ballast

Servicing: Cargo 171611
24 V, Model HID

Spot Lights



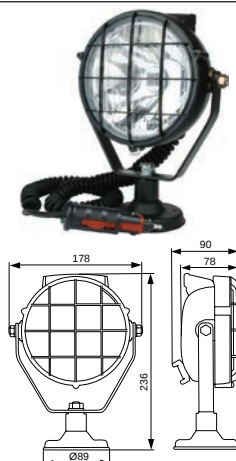
170293 Spot Light

12 V, 55 W, **Light aperture** 120 mm, **Dim.** 235x73 mm, **Cable length** 6000 mm, **Type 1** Halogen, **Type 2** H3, **Socket type** PK22s, **Connection cable** w/, **Colour** Black, **Material/house** Shockproof plastic, **Shape** Round, **Lighter plug incl.** Yes, **Bulb incl.** Yes, **Protective cover** w/, **Switch** w/
Hand-held.



170564 Spot Light

Light aperture 131 mm, **Dim.** 226x77 mm, **Type** H3, **Socket type** PK22s, **Colour** Black, **Material/dome** Glass, **Material/house** Shockproof plastic, **Inclination/sideways** Yes, **Handle** w/, **Bulb incl.** No, **Lamp grill incl.** Yes, **Switch** w/



171375 Spot Light

Light aperture 130 mm, **Dim.** 178x236x90 mm, **Mount.** Mounting bracket, **Coiled cable** 2000 mm, **Type** H3, **Socket type** PK22s, **Colour** Black, **Material/dome** Glass, **Material/house** Metal, **Shape** Round, **Magnet base** w/, **Lighter plug incl.** Yes, **Handle** w/, **Coiled cable incl.** Yes, **Bulb incl.** No, **Lamp grill incl.** Yes, **Switch** w/



171464 Spot Light

12 V, 4.6 A, 55 W, **OD** 135 mm, **Mount.** Standard ISO A - Rod, **Height** 250 mm, **Width** 135 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Base** Rigid, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 55
Remote controlled by EU approved radio controller. Frequency 433.92MHZ. Reach up to 100 m. Incl. 9 V battery. Battery: Cargo 200742, 200769.

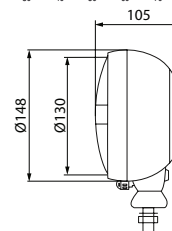
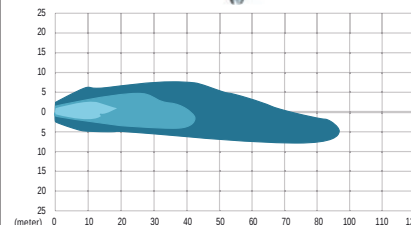


171466 Spot Light

12 V, 4.6 A, 55 W, **OD** 160 mm, **Mount.** Standard ISO B2 (and B1) - Base, **Height** 194 mm, **Width** 165 mm, **Lens type** Polycarbonat, **Bulb type** H1, **Hi impact** Yes, **Bulb incl.** Yes, **Tightness norm** IP 55
Remote controlled by EU approved radio controller. Frequency 433.92MHZ. Reach up to 100 m. Incl. 9 V battery. Battery: Cargo 200742, 200769.

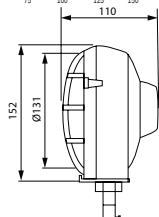
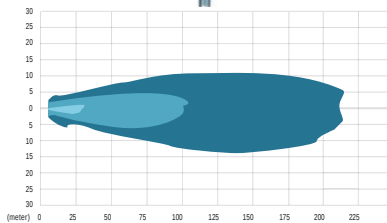
Forward Lighting

Tractor Head Lamps

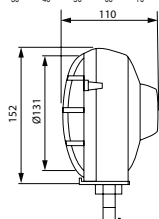
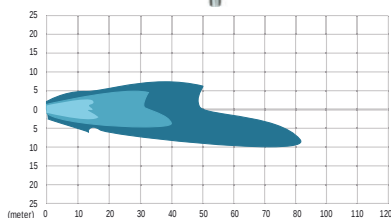


170132 Head Lamp

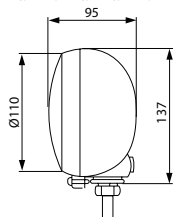
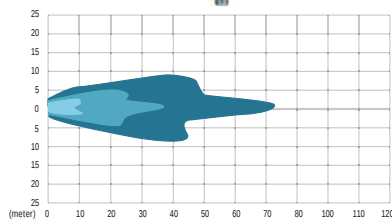
45/40 W 1, 55/50 W 2, 4 W 3, **Light aperture** 130 mm, **Dim.** 148x105 mm, **Socket type 1** P45t, **Socket type 2** P45t, **Socket type 3** BA9s, **Colour** Black, **Material** Metal, **Sidemarkers** w/, **Asymmetric light** w/, **RH/ LH** LH, **E-approval** Yes
Light unit: Cargo 170239.

**170310** Head Lamp

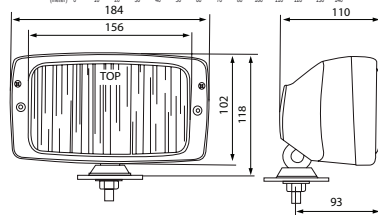
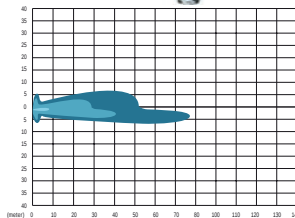
12/24 V, 45/40 W 1, 55/50 W 2, 4 W 3,
Light aperture 131 mm, Dim. 152x110 mm,
Mount. 1 bolt, Socket type 1 P45t,
Socket type 2 P45t, Socket type 3 BA9s,
Colour Black, Material Plastic,
Material/dome Glass, Shape Round,
Sidemarker w/, Asymmetric light w/,
Bulb incl. No, Grill w/, RH/ LH LH,
E-approval Yes
For upright fixing.

**170311** Head Lamp

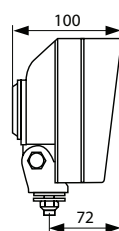
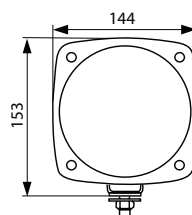
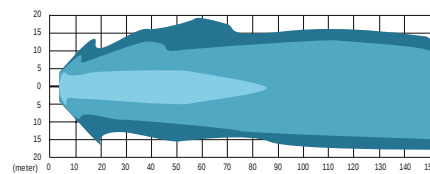
12/24 V, 45/40 W 1, 55/50 W 2, 4 W 3,
Light aperture 131 mm,
Dim. 152x110 mm, Mount. 1 bolt,
Socket type 1 P45t, Socket type 2 P45t,
Socket type 3 BA9s, Colour Black,
Material Plastic, Material/dome Glass,
Shape Round, Sidemarker w/,
Asymmetric light w/, Bulb incl. No,
Grill w/, LH, E-approval Yes
Horizontal fixing.

**170843** Head Lamp

45/40 W 1, 55/50 W 2, 4 W 3,
Light aperture 110 mm, Dim. 137x95 mm,
Mount. 1 bolt, Socket type 1 BA20d,
Socket type 2 BA20d,
Socket type 3 BA9s, Colour Black,
Material Metal, Material/dome Glass,
Fixing screw 12, Shape Round,
Sidemarker w/, Asymmetric light w/,
Bulb incl. No, E-approval Yes
Light unit: Cargo 170844.

**170865** Head Lamp

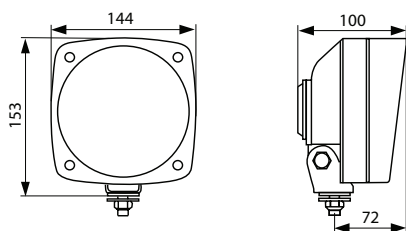
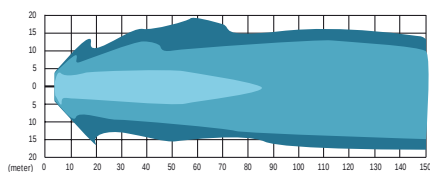
Servicing: Zetor: Model 2002, Proxima,
Forterra, Super, Super Eko, Classic Eko
60/55 W 1, 75/70 W 2, Dim. 184x118x110 mm,
Mount. Horizontal, Bulb type 1 H4,
Bulb type 2 H4, Socket type 1 P43t,
Socket type 2 P43t, Colour Black,
Material Shockproof plastic,
Material/dome Glass, Shape Rectangular,
Sidemarker w/o, Asymmetric light w/,
Bulb incl. No, Grill w/o, LH, E-approval Yes

**170974** Head Lamp

60/65 W 1, 75/70 W 2,
Dim. 144x153x100 mm,
Mount. Horizontal/vertical,
Bulb type 1 H4, Bulb type 2 H4,
Socket type 1 P43t, Socket type 2 P43t,
Colour Black, Material Shockproof
plastic, Material/dome Glass,
Fixing screw 1 bolt, Sidemarker w/o,
Sidemarker lamp w/o,
Asymmetric light w/, Bulb incl. No,
Grill w/o, LH, E-approval Yes

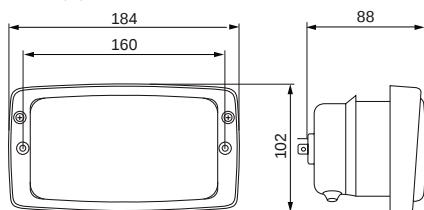
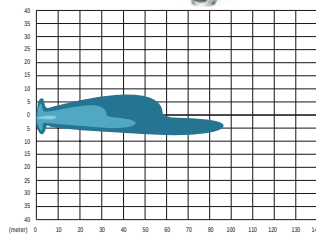
**171006** Head Lamp

12/24 V, 60/55 W 1, 75/70 W 2,
Dim. 155x208x128 mm,
Mount. Horizontal/vertical,
Bulb type 1 H4, Bulb type 2 H4,
Socket type 1 P43t, Socket type 2 P43t,
Colour Black, Material Shockproof plastic,
Material/dome Glass, Shape Square,
Sidemarker w/, Flasher light w/,
Asymmetric light w/, Bulb incl. Yes 12 V,
Grill w/o, RH/LH, E-approval Yes
Light unit: Cargo 171007.



171038 Head Lamp

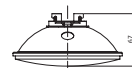
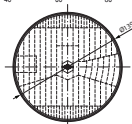
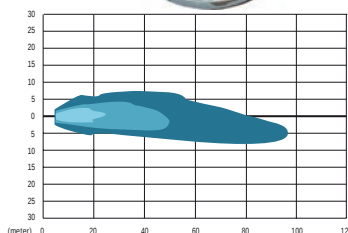
60/65 **W 1**, 75/70 **W 2**,
4 **W 3**, **Dim.** 144x153x100 mm,
Mount. Horizontal/vertical,
Socket type 1 P43t, **Socket type 2** P43t,
Socket type 3 BA9s, **Colour** Black,
Material Shockproof plastic, **Material/**
dome Glass, **Fixing screw** 1 bolt,
Sidemarkers w/, **Asymmetric light** w/,
Bulb incl. No, **Grill** w/o, **LH**,
E-approval Yes



171565 Head Lamp

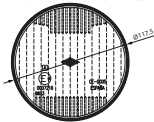
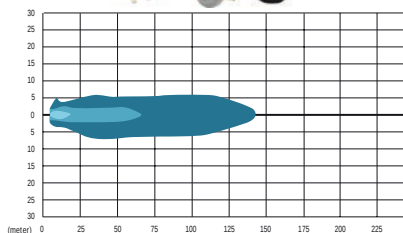
60/55 **W 1**, 75/70 **W 2**, 4 **W 3**,
Dim. 184x102x88 mm, **Mount.** Horizontal/
vertical, **Socket type 1** P43t,
Socket type 2 P43t, **Socket type 3** BA9s,
Colour Black, **Material** Shockproof
plastic, **Sidemarkers** w/, **E-approval** Yes

Spare Parts



170239 Light Unit

45/40 **W 1**, 55/50 **W 2**, 4 **W 3**,
OD 130 mm, **Socket type 1** P45t,
Socket type 2 P45t,
Socket type 3 BA9s, **Material** Glass,
Shape Round, **Sidemarkers** w/,
Asymmetric light w/, **Bulb incl.** No, **LH**,
E-approval Yes
For Cargo 170132.



170844 Light Unit

Servicing: Cargo 170843
Light aperture 110 mm, **Shape** Round



171007 Light Unit

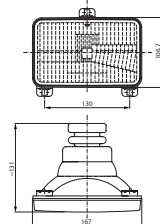
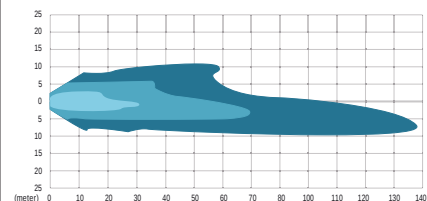
Material Glass, **Shape** Square,
E-approval Yes
For Cargo 171006, 170926.



171008 Lens

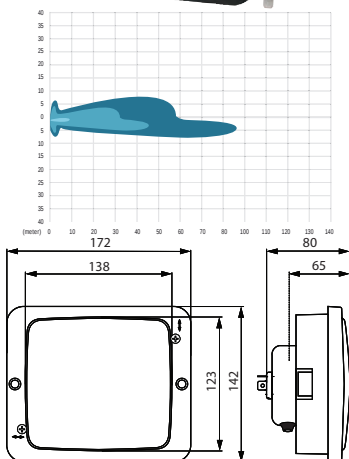
Servicing: Cargo 171006, 170926
Colour Orange

Headlight Inserts



170690 Light Unit

Servicing: Chrysler, Fendt, Ford, GM, IH/
Case, Isuzu, John Deere, Mazda
60/65, 75/70 **W 1**, **Dim.** 167x106.7 mm,
Bulb type 1 H4, **Socket type 1** P43t,
Shape Rectangular, **Connection** Multiplug,
E-approval Yes

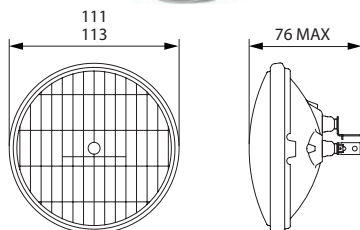
**170867** Head Lamp

12/24 V, 60/55 W 1, 75/70 W 2, 4 W 3, Dim. 172x142x80 mm, Type H4, Socket type 1 P43t, Socket type 2 P43t, Socket type 3 BA9s, Material Metal, Material/dome Glass, Fixing screw 2, Sidemarker w/, E-approval Yes
Heat resistant plastic reflector bonded w/ glass lens. Flush fitting head l.a. Build-in depth: 69 mm.

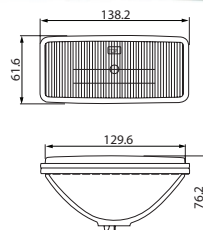
**170868** Light Unit

60/55 W 1, 75/70 W 2, 4 W 3, Bulb type 1 H4, Bulb type 2 H4, Socket type 1 P43t, Socket type 2 P43t, Socket type 3 BA9s, Material Rubber, Shape Round, Sidemarker w/, LH, E-approval Yes

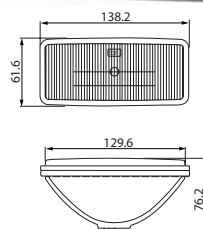
Sealed Beams

**4440x** Sealed Beam

Servicing: Ford
12 V, 40/40 W 1

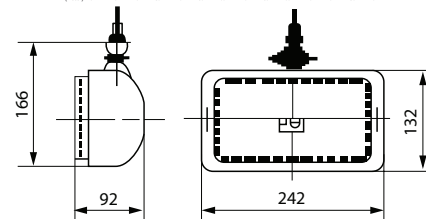
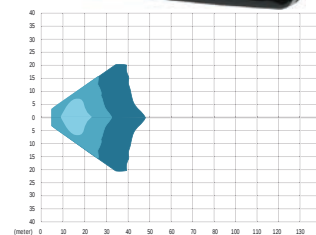
**h4360** Sealed Beam

Servicing: John Deere lawn equipment w/ cooling engine
12 V, 37.5 W, Dim. 138.2x61.6x76.2 mm

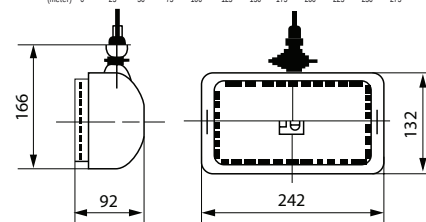
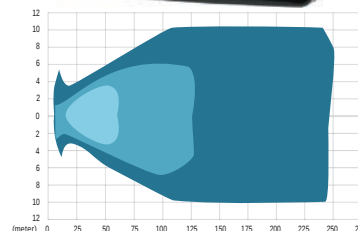
**h5360** Sealed Beam

Servicing: John Deere
12 V, 37.5 W, Dim. 138.2x61.6x76.2 mm
Longlife.

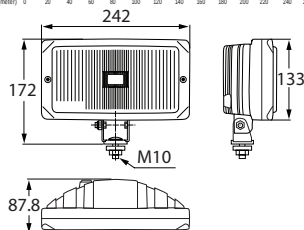
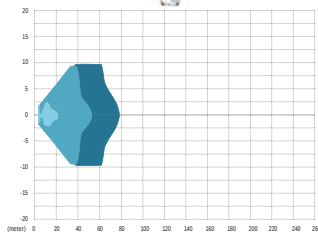
Auxilliary Lamps

**170549** Fog Lamp

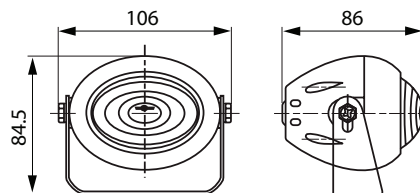
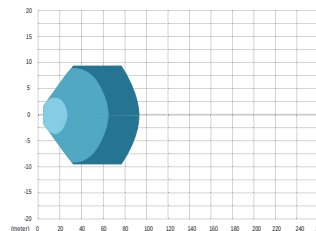
12/24 V, 55/70 W, Light aperture 200x107 mm, Dim. 242x166x92 mm, Type Fog light, Bulb type H3, Material/dome Glass, Shape Rectangular, E-approval Yes
Light unit: Cargo 170620.

**170550** Driving Lamp

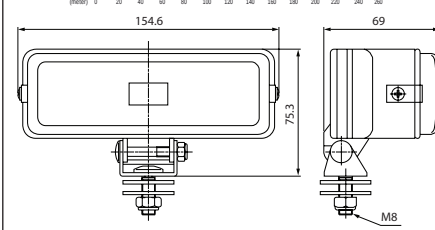
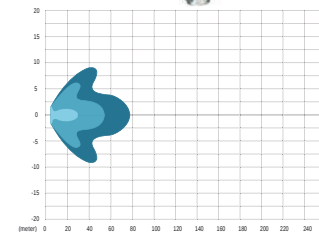
12/24 V, 55/70 W, Light aperture 200x107 mm, Dim. 242x166x92 mm, Mount. Mounted below, Type Driving lamp, Bulb type H3, Colour Black, Material Metal, Shape Rectangular, Bulb incl. No, E-approval Yes
Light unit: Cargo 170621.



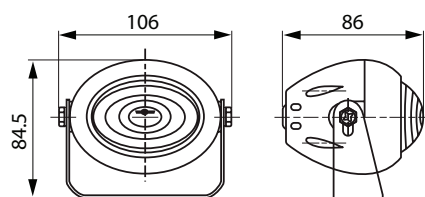
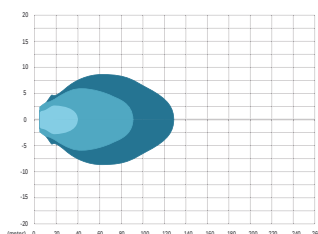
170616 Fog Lamp
12/24 V, 55/70 W,
Dim. 242x172x87.8 mm, Type Fog light,
Bulb type H3, Colour Yellow,
Shape Rectangular, E-approval Yes
Light unit: Cargo 170622.



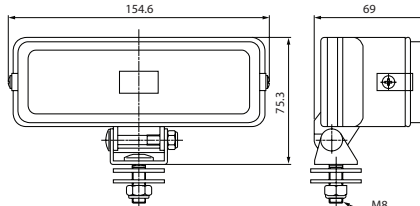
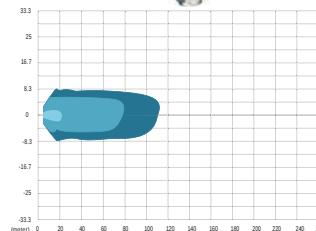
171360 Fog Lamp
12/24 V, Light aperture 55x35 mm,
Dim. 106x84.5x86 mm, Mount. U-bracket
w/ 2 holes, Bulb type 1 H3,
Material Shockproof plastic,
Material/dome Glass, Shape Oval,
Bulb incl. No



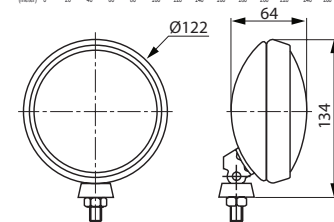
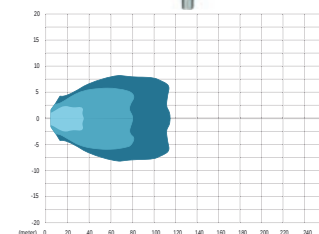
171362 Fog Lamp
12/24 V, Light aperture 130x35 mm,
Dim. 154.6x75.3x69 mm,
Mount. U-bracket w/ 1 bolt,
Bulb type H3, Material Shockproof plastic,
Material/dome Glass, Shape Rectangular,
Bulb incl. No, E-approval No



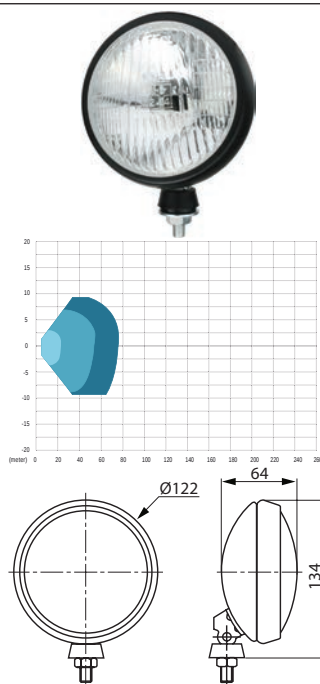
171359 Driving Lamp
12/24 V, Light aperture 55x35 mm,
Dim. 106x84.5x86 mm, Mount. U-bracket
w/ 2 holes, Bulb type H3,
Material Shockproof plastic, Shape Oval,
Bulb incl. No



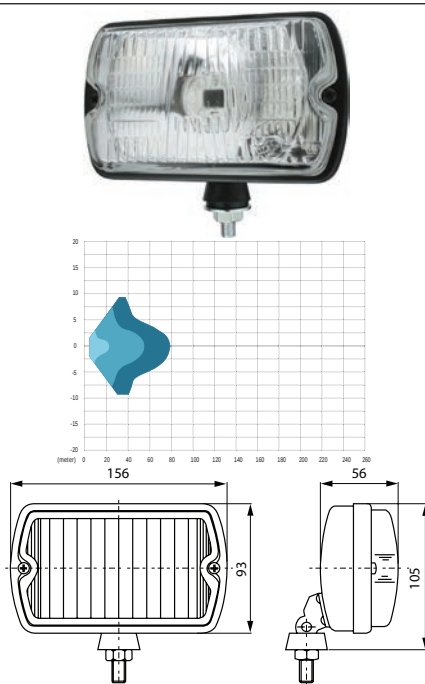
171361 Driving Lamp
12/24 V, 55/70 W,
Light aperture 130x35 mm,
Dim. 154.6x75.3x69 mm,
Mount. U-bracket w/ 1 bolt,
Bulb type H3, Material Shockproof plastic,
Material/dome Glass, Shape Rectangular,
Bulb incl. No, E-approval No



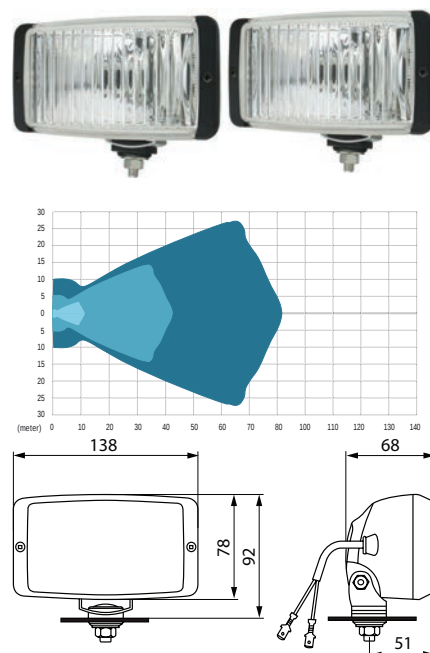
171363 Driving Lamp
12/24 V, Light aperture 95 mm,
Dim. 122x134x64 mm, Mount. Mounted
below, Bulb type H3, Colour Black,
Material Metal, Material/dome Glass,
Shape Round, Bulb incl. No



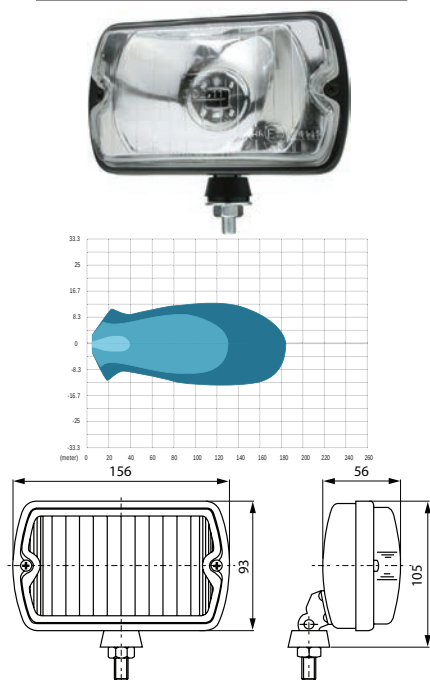
171364 Fog Lamp
12/24 V, 55/70 W,
Light aperture 95 mm,
Dim. 122x134x64 mm, Mount. Mounted
below, Bulb type H3, Colour Black,
Material Metal, Material/dome Glass,
Shape Round, Bulb incl. No



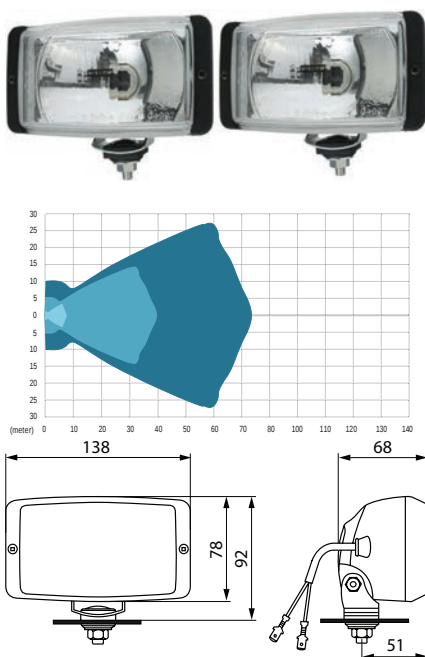
171366 Fog Lamp
12/24 V, 55/70 W,
Light aperture 110x75 mm,
Dim. 156x105x56 mm, Mount. Mounted
below, Type Fog light, Bulb type H3,
Colour Black, Material Metal,
Material/dome Glass, Shape Rectangular,
Bulb incl. No, E-approval Yes



171452 Fog Lamp Set
12 V, 55 W, 55 W 1,
Light aperture 110x60 mm,
Dim. 138x78x68 mm, Mount. Screw,
Bulb type H3, Material Shockproof plastic,
Material/dome Glass, Bulb incl. Yes,
Bracket Pendant, E-approval Yes



171365 Driving Lamp
12/24 V, 55/70 W,
Light aperture 110x75 mm,
Dim. 156x105x56 mm, Mount. Mounted
below, Type Driving lamp, Bulb type H3,
Colour Black, Material Metal,
Material/dome Glass, Shape Rectangular,
Bulb incl. No, E-approval Yes

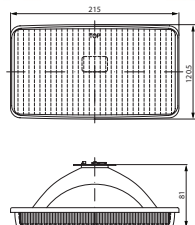


171451 Set of Driving Lamps
12 V, 55 W, 55 W 1,
Light aperture 110x60 mm,
Dim. 138x78x68 mm, Mount. 1 bolt,
Bulb type H3, Material Shockproof plastic,
Material/dome Glass, Bulb incl. Yes,
Bracket Pendant, E-approval Yes

Spare Parts



170620 Light Unit
Servicing: Cargo 170549
Dim. 215x120.5x81 mm,
Shape Rectangular



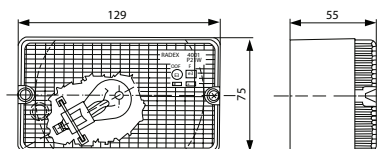
170621 Light Unit

Servicing: Cargo 170550

Light aperture 200x107 mm,
Dim. 215x120.5x81 mm, **Bulb type** H3,
Colour Black, **Material** Metal,
Shape Rectangular, **Bulb incl.** No

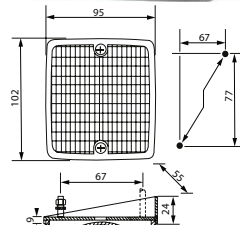
Tail Lights

Reversing Lamps



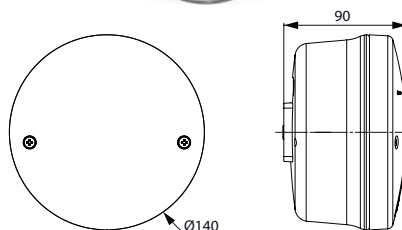
170689 Reversing Lamp

21 W, Dim. 129x75x55 mm,
Dist. mount. holes 56 mm,
Socket type BA15S,
Fixing screw 1, **Shape** Rectangular,
Connection Connection,
Reverse light w/, **Bracket** Straight



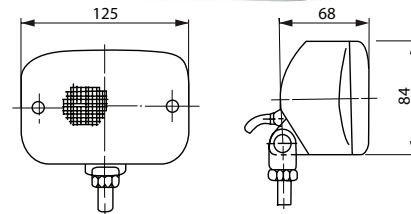
170932 Reversing Lamp

21 W, Dim. 102x95x55 mm,
Dist. mount. holes 77 mm,
Socket type BA15S, **Colour** Black,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Screw, **Reverse light** w/



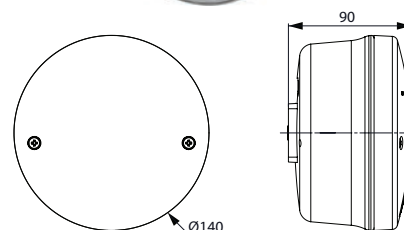
170934 Reversing Lamp

21 W, Dim. 140x90 mm,
Dist. mount. holes 45 mm,
Socket type BA15S, **Colour** Black,
Material Shockproof plastic,
Fixing screw 2, **Shape** Round,
Connection Connection,
Reverse light w/, **Wiring system** w/



170935 Reversing Lamp

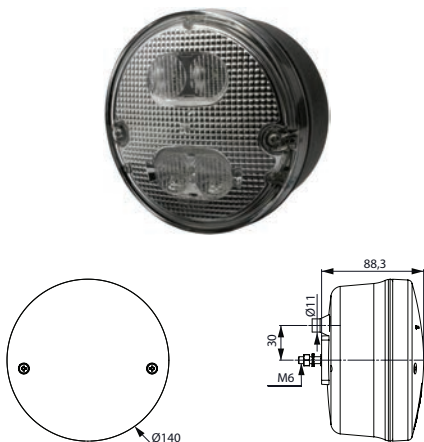
21 W, Dim. 125x84x68 mm,
Socket type BA15S, **Colour** Black,
Material Shockproof plastic,
Fixing screw M10, **Shape** Rectangular,
Connection Connection,
Reverse light w/, **Bracket** Pendant,
E-approval Yes



171222 Reversing Lamp

12/24 V, 55 W, 55 W 1, 70 W 2,
Dim. 140x90 mm,
Dist. mount. holes 45 mm,
Bulb type 1 H3, **Bulb type 2** H3,
Socket type 1 PK22s,
Socket type 2 PK22s, **Colour** Black,
Material Shockproof plastic,
Fixing screw 2, **Shape** Circular,
Connection Connection, **Bulb incl.** No,
Wiring system w/

w/LED

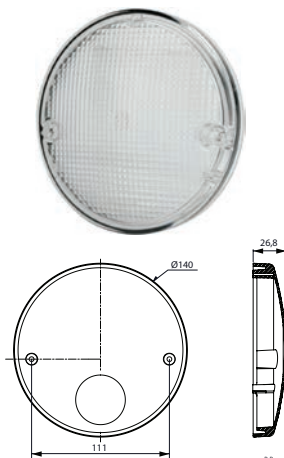


170909 LED Fog/Reverse Lamp
12/24 V, Dim. 140x88.3 mm,
OD 140 mm, Dist. mount. holes 45 mm,
Type LED, Colour/glass White,
Material Shockproof plastic,
Fixing screw 2, Shape Round, LEDs w/,
Rear/fog lamp w/, Tail light w/,
E-approval Yes
Lens and o-ring: Cargo 170910.



171684 LED Reversing Lamp
9-33 V, Dim. 140x52.5 mm,
Dist. mount. holes 45 mm,
Type Reversing lamp, Colour Clear,
Material Shockproof plastic,
Shape Circular, Connection Connection,
LEDs w/, E-approval Yes
Can be flush mounted by using Cargo
171266.

Spare Parts



170910 Lens, Rear Lamp
Servicing: Cargo 170909
OD 140 mm, Colour White, Shape Round

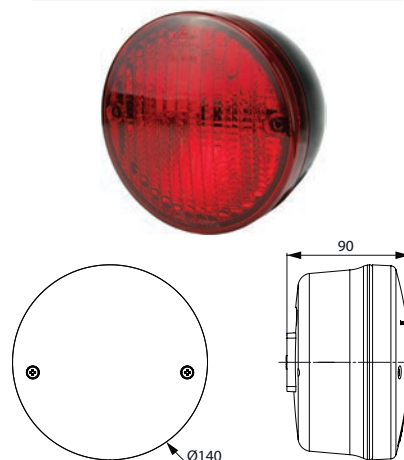
Rear Fog Lamps



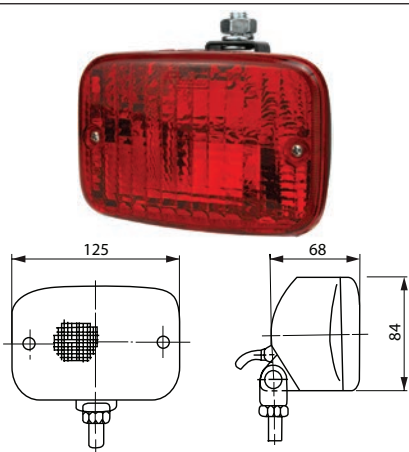
170688 Rear Fog Lamp
21 W, Dim. 129x75x55 mm,
Dist. mount. holes 56 mm,
Socket type BA15S, Shape Rectangular,
Connection Connection,
Rear/fog lamp w/, Bracket Straight,
E-approval Yes



170928 Rear Fog Lamp
21 W, Dim. 102x95x55 mm,
Dist. mount. holes 77 mm,
Socket type BA15S, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
E-approval Yes

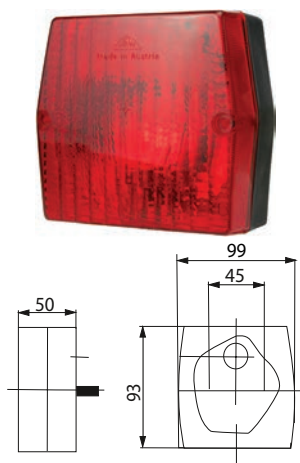


170929 Rear Fog Lamp
21 W, Dim. 140x90 mm,
Dist. mount. holes 45 mm,
Socket type BA15S, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Connection Connection,
Rear/fog lamp w/, Bulb incl. No,
Wiring system w/, E-approval Yes

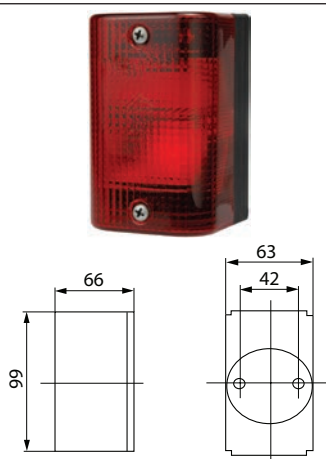


170930 Rear Fog Lamp
21 W, Dim. 125x84x68 mm,
Socket type BA15S, Colour Black,
Material Shockproof plastic,
Fixing screw 1, Connection Connection,
Rear/fog lamp w/, Bracket Pendant,
E-approval Yes

Pkg. 2



171219 Rear Fog Lamp
21 W, Dim. 93x99x50 mm,
Dist. mount. holes 45 mm,
Socket type BA15S, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Shape Hexagon,
Connection Connection,
Rear/fog lamp w/, E-approval Yes



171220 Rear Fog Lamp
21 W, Dim. 63x99x66 mm,
Dist. mount. holes 42 mm,
Socket type BA15S,
Material Shockproof plastic,
Shape Rectangular, Connection Connection,
Sidemarker w/, E-approval Yes
w/ Grommet.

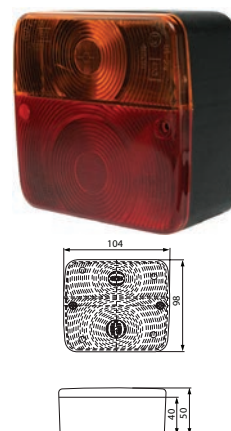
w/LED



171685 LED Rear Fog Lamp
9-33 V, Dim. 140x52.5 mm,
Dist. mount. holes 45 mm,
Type Rear fog lamp, Colour Red,
Material Shockproof plastic,
Shape Circular, Connection Connection,
LEDs w/, Rear/fog lamp w/
Can be flush mounted by using Cargo
171266.

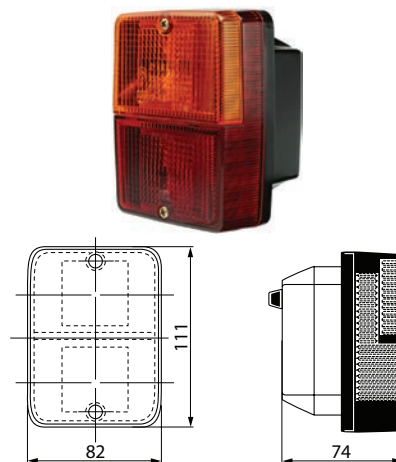
Multi Function Lamps

Trailer Lamps

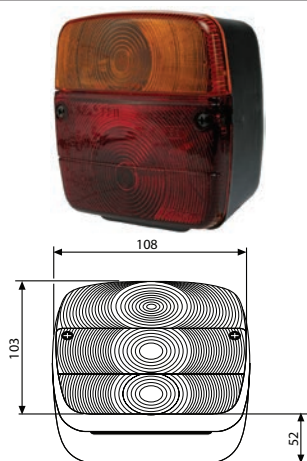


170685 Multi Function Lamp
21 W 1, 21/5 W 2, Dim. 104x98x50 mm,
Dist. mount. holes 45/55 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, Connection Connection,
LEDs w/o, Numberplate light w/o,
Flasher light w/, Tail light w/,
Stop light w/, Bulb incl. No,
Reflector w/o, RH/LH, E-approval Yes
Lens: Cargo 170687.

Pkg. 4

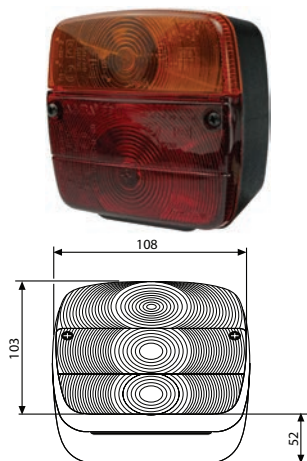


170846 Multi Function Lamp
10 W 1, 21/5 W 2, Dim. 111x82x74 mm,
Dist. mount. holes 57/87 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 4, Connection Connection,
Numberplate light w/o, Flasher light w/,
Tail light w/, Stop light w/, RH/LH,
E-approval Yes
Lens: Cargo 170847.

**170939** Multi Function Lamp

Servicing: Cargo 170809, 170818, 170828, 170829, 170835, 171049

21 W 1, 21/5 W 2, Dim. 108x103x52 mm,
Dist. mount. holes 45/55 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Connection** Connection,
LEDs w/o, Numberplate light w/o, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, Reflector w/o, RH/LH, E-approval Yes
Lens: Cargo 170833.

**170940** Multi Function Lamp

21 W 1, 21/5 W 2, Dim. 108x103x52 mm,
Dist. mount. holes 45/55 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Connection** Connection,
Numberplate light w/, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, Reflector w/o, RH/LH, E-approval Yes
Lens: Cargo 170833.

**170943** Multi Function Lamp

21 W 1, 21/5 W 2, Dim. 114x76x50 mm,
Dist. mount. holes 58 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection, **LEDs w/o, Numberplate light w/o, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, RH/LH, E-approval Yes**
Lens: Cargo 170944.

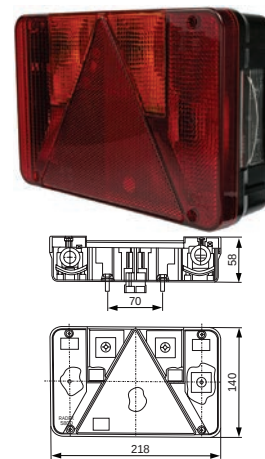
**170985** Multi Function Lamp

10 W 1, 21/5 W 2, Dim. 180x60x51.5 mm,
Dist. mount. holes 134 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection,
Numberplate light w/o, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, RH/LH, E-approval Yes
Lens: Cargo 170987.

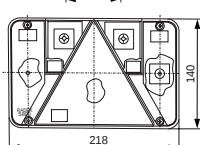
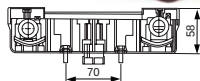
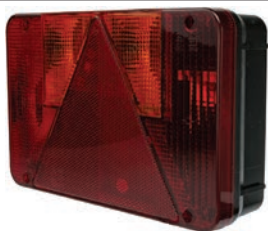
Pkg. 2

**170986** Multi Function Lamp

10 W 1, 21/5 W 2, Dim. 180x60x51.5 mm,
Dist. mount. holes 134 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection,
Numberplate light w/, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, RH/LH, E-approval Yes
Lens: Cargo 170987.

**171013** Multi Function Lamp

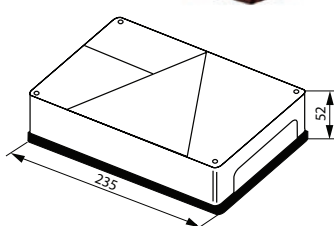
21 W 1, 21/5 W 2, Dim. 218x140x58 mm,
Dist. mount. holes 70 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection,
Numberplate light w/, Flasher light w/, Tail light w/, Stop light w/, Bulb incl. No, Reflector w/, LH, E-approval Yes
Lens: Cargo 171015. Right: Cargo 171014.



171014 Multi Function Lamp

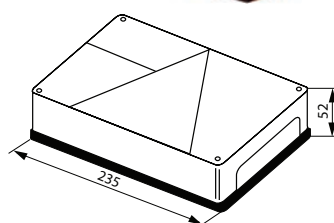
21 W 1, 21/5 W 2,
Dim. 218x140x58 mm,
Dist. mount. holes 70 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. No, Reflector w/, RH
Lens: Cargo 171016. Left: Cargo 171013.

Pkg. 2



171050 Multi Function Lamp

21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Numberplate light w/,
Rear/fog lamp w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. No, Reflector w/, LH,
E-approval Yes
Lens: Cargo 171057. Plug: Cargo 171372,
171373. Right: Cargo 171053.

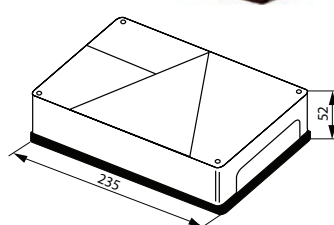


171051 Multi Function Lamp

21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. No, Reflector w/, RH,
E-approval Yes
Lens: Cargo 171056. Plug: Cargo 171372,
171373. Left: Cargo 171054.

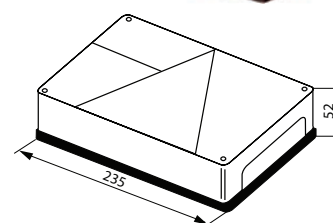
Pkg. 2

Pkg. 2



171052 Multi Function Lamp

21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/o,
Numberplate light w/, Flasher light w/,
Reverse light w/, Tail light w/,
Stop light w/, Bulb incl. No,
Reflector w/, RH, E-approval Yes
Lens: Cargo 171058. Supplied w/ Cargo
171372, 171373. Left: Cargo 171055.

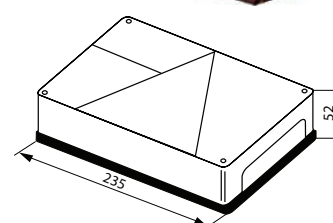


171053 Multi Function Lamp

21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Shape Rectangular,
Numberplate light w/,
Rear/fog lamp w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. No, Reflector w/, RH
Lens: Cargo 171056. Left: Cargo 171050.

Pkg. 2

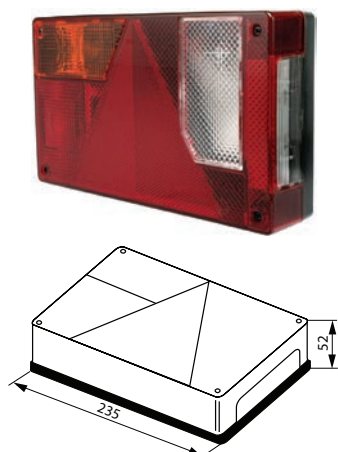
Pkg. 2



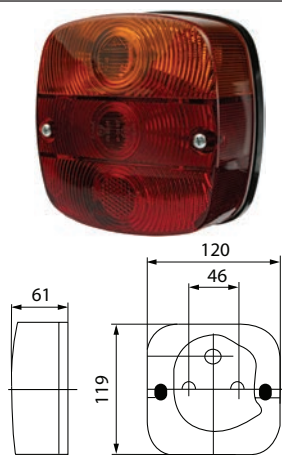
171054 Multi Function Lamp

21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. No, Reflector w/, LH,
E-approval Yes
Lens: Cargo 171057. Plug: Cargo 171372,
171373. Right: Cargo 171051.

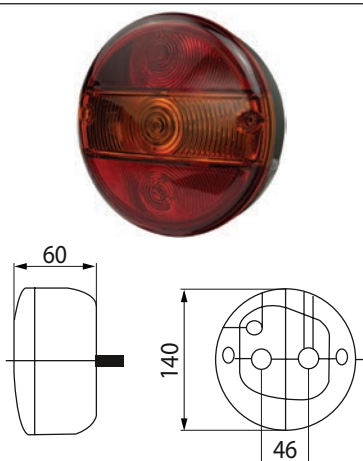
Pkg. 2

**171055** Multi Function Lamp

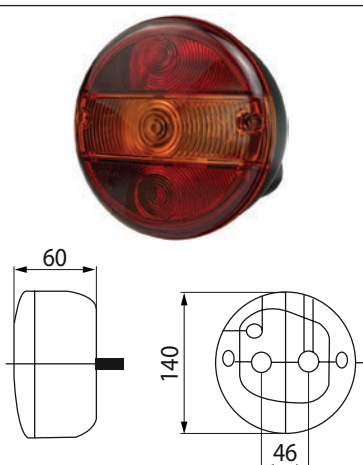
21 W 1, 21/5 W 2, 5 W 3,
Dim. 235x135x52 mm,
Dist. mount. holes 152 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5, **Material** Shockproof plastic,
Fixing screw 2, **Shape** Rectangular, **LEDs** w/o,
Numberplate light w/, **Flasher light** w/,
Reverse light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No,
Reflector w/, LH, **E-approval** Yes
Lens: Cargo 171059. **Plug:** Cargo 171372,
 171373. **Right:** Cargo 171052.

**171191** Multi Function Lamp

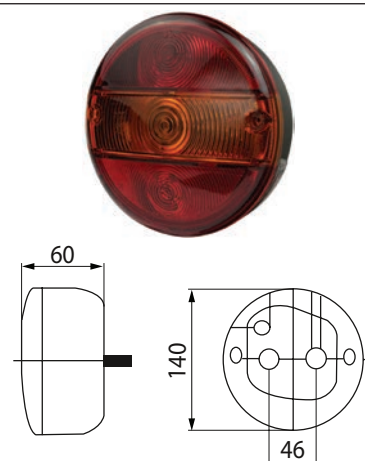
21 W 1, 10 W 2, **Dim.** 120x119x61 mm,
Dist. mount. holes 45 mm,
Socket type 1 BA15S,
Socket type 2 BA15S,
Material Shockproof plastic,
Fixing screw 2, **Connection** Connection,
LEDs w/o, **Numberplate light** w/,
Flasher light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No,
Reflector w/o, RH/LH, **E-approval** Yes
Lens: Cargo 171236.

**171192** Multi Function Lamp

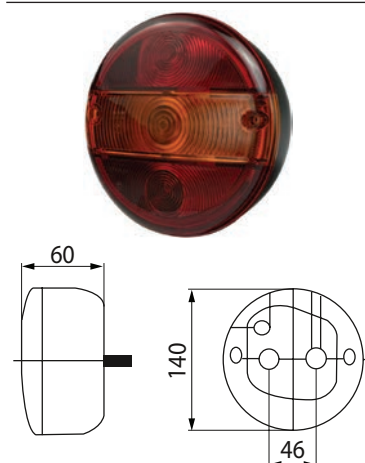
Dim. 140x60 mm, **OD** 140 mm,
Dist. mount. holes 45 mm,
Material Shockproof plastic,
Fixing screw 2, **Shape** Round,
Connection Connection, **LEDs** w/o,
Numberplate light w/, **Flasher light** w/,
Tail light w/, **Stop light** w/,
Bulb incl. No

**171193** Multi Function Lamp

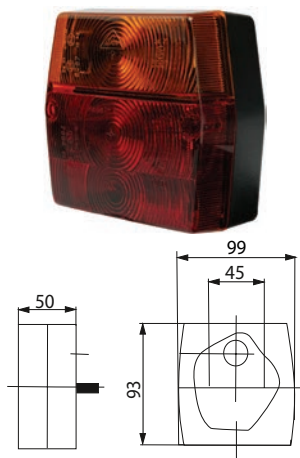
Dim. 140x60 mm, **OD** 140 mm,
Dist. mount. holes 45 mm,
Material Shockproof plastic,
Fixing screw 2, **Shape** Round,
Connection Screw, **LEDs** w/o,
Numberplate light w/o, **Flasher light** w/,
Tail light w/, **Stop light** w/,
Bulb incl. No, **E-approval** Yes
Mounting kit: Cargo 171266.

**171194** Multi Function Lamp

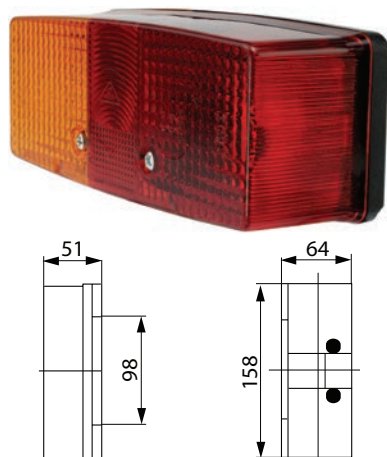
21 W 1, 5 W 2, **Dim.** 140x60 mm,
OD 140 mm, **Dist. mount. holes** 45 mm,
Socket type 1 BA15S,
Socket type 2 BA15S,
Material Shockproof plastic,
Fixing screw 2, **Shape** Round,
Connection Connection, **LEDs** w/o,
Numberplate light w/, **Flasher light** w/,
Tail light w/, **Stop light** w/,
Bulb incl. No, **Reflector** w/o
Lens: Cargo 171237.

**171195** Multi Function Lamp

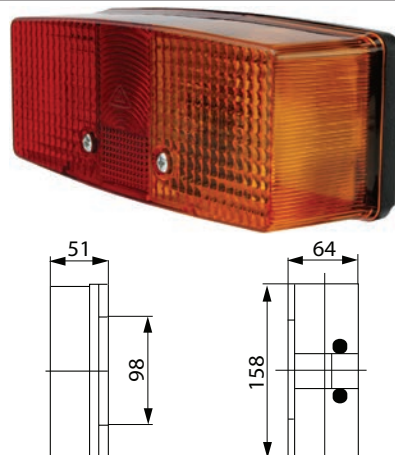
Dim. 140x60 mm, **OD** 140 mm,
Dist. mount. holes 45 mm,
Material Shockproof plastic,
Fixing screw 2, **Shape** Round,
Connection Connection,
Numberplate light w/o, **Bulb incl.** No
Mounting kit: Cargo 171266.



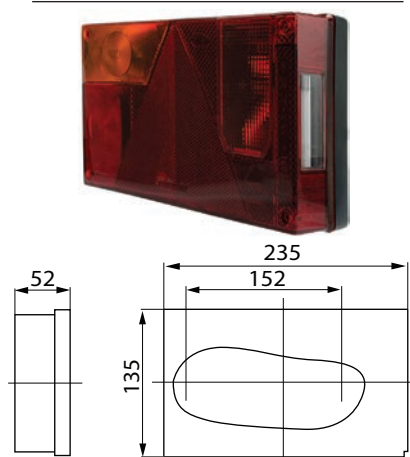
171202 Multi Function Lamp
 21 W 1, 5 W 2, Dim. 93x99x50 mm,
 Dist. mount. holes 45 mm,
 Socket type 1 BA15S,
 Socket type 2 S8.5,
 Material Shockproof plastic,
 Fixing screw 2, Shape Hexagon,
 Connection Connection, LEDs w/o,
 Flasher light w/, Tail light w/,
 Stop light w/, Bulb incl. No,
 E-approval Yes
 Lens: Cargo 171253.



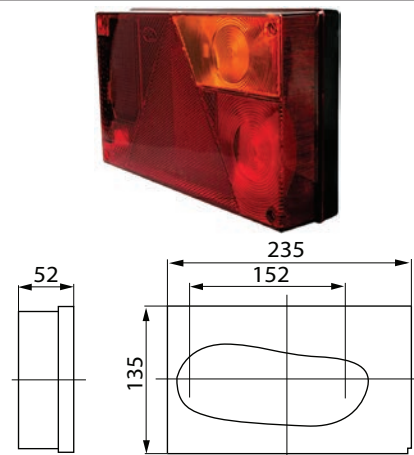
171203 Multi Function Lamp
 Servicing: Right: Cargo 171204
 21 W 1, 10 W 2, Dim. 158x64x51 mm,
 Dist. mount. holes 98/45 mm,
 Socket type 1 BA15S,
 Socket type 2 BA15S,
 Material Shockproof plastic,
 Fixing screw 4, Shape Rectangular,
 LEDs w/o, Numberplate light w/,
 Flasher light w/, Tail light w/,
 Stop light w/, Bulb incl. No,
 Reflector w/, LH, E-approval Yes
 Lens: Cargo 171258.



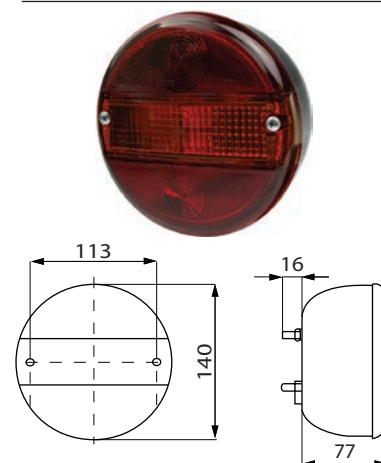
171204 Multi Function Lamp
 Servicing: Left: Cargo 171203
 10 W 1, 21 W 2, Dim. 158x64x51 mm,
 Dist. mount. holes 98/45 mm,
 Socket type 1 BA15S,
 Socket type 2 BA15S,
 Material/dome Shockproof plastic,
 Fixing screw 4, Shape Rectangular,
 Numberplate light w/, Flasher light w/,
 Tail light w/, Stop light w/,
 Reflector w/, RH
 Lens: Cargo 171259.



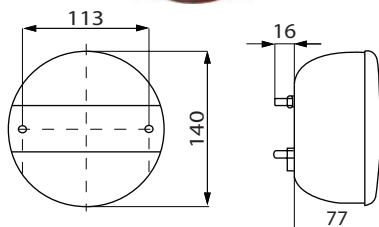
171213 Multi Function Lamp
 Servicing: Right: Cargo 171214
 21 W 1, 21/5 W 2, 5 W 3,
 Dim. 235x135x52 mm,
 Dist. mount. holes 152 mm,
 Socket type 1 BA15S,
 Socket type 2 BAY15d,
 Socket type 3 S8.5,
 Material Shockproof plastic,
 Fixing screw 2, Shape Rectangular,
 Connection Connection, LEDs w/o,
 Numberplate light w/, Flasher light w/,
 Tail light w/, Stop light w/,
 Bulb incl. No, Reflector w/, LH,
 E-approval Yes
 Lens: Cargo 171264.



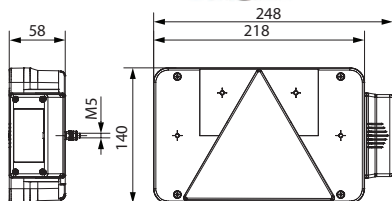
171214 Multi Function Lamp
 Servicing: Left: Cargo 171213
 21 W 1, 21/5 W 2, 5 W 3,
 Dim. 235x135x52 mm,
 Dist. mount. holes 152 mm,
 Socket type 1 BA15S,
 Socket type 2 BAY15d,
 Socket type 3 S8.5,
 Material Shockproof plastic,
 Fixing screw 2, Shape Rectangular,
 LEDs w/o, Numberplate light w/,
 Flasher light w/, Tail light w/,
 Stop light w/, Bulb incl. No,
 Reflector w/, RH, E-approval Yes
 Lens: Cargo 171265.



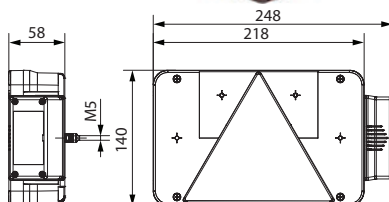
171328 Multi Function Lamp
 21 W 1, 5 W 2, Dim. 140x77 mm,
 OD 140 mm, Dist. mount. holes 45 mm,
 Socket type 1 BA15S,
 Socket type 2 BA15S,
 Material Shockproof plastic,
 Fixing screw 2, Shape Circular,
 Connection Connection, LEDs w/o,
 Numberplate light w/, Flasher light w/,
 Tail light w/, Stop light w/,
 Bulb incl. No, Reflector w/o,
 E-approval Yes
 Lens: Cargo 171330.

**171329** Multi Function Lamp

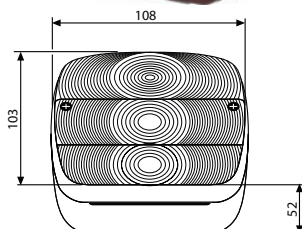
Dim. 140x77 mm, **OD** 140 mm,
Dist. mount. holes 45 mm,
Socket type BA15S,
Material Shockproof plastic,
Fixing screw 2, **Shape** Circular,
Connection Connection, **LEDs** w/o,
Numberplate light w/o,
Flasher light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No,
Reflector w/o, **E-approval** Yes
Mounting kit: Cargo 171266. **Lens:** Cargo 171330.

**171533** Multi Function Lamp

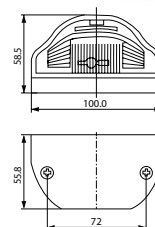
21 W 1, **21/5 W 2**, **5 W 3**,
Dim. 248x140x58 mm,
Dist. mount. holes 70 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
LEDs w/o, **Numberplate light** w/,
Flasher light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No,
Reflector w/, **LH**
Lens: Cargo 171015. **Plug:** Cargo 171537,
171538. **Right:** Cargo 171534.

**171534** Multi Function Lamp

21 W 1, **21/5 W 2**, **5 W 3**,
Dim. 248x140x58 mm,
Dist. mount. holes 70 mm,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Socket type 3 S8.5,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
LEDs w/o, **Numberplate light** w/,
Flasher light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No,
Reflector w/, **RH**
Lens: Cargo 171016. **Plug:** Cargo 171537,
171538. **Left:** Cargo 171533.

**171822** Multi Function Lamp

Servicing: Cargo 171821
21 W 1, **21/5 W 2**,
Socket type 1 BA15S,
Socket type 2 BAY15d,
Shape Square, **Connection** Multiplug,
Numberplate light w/o, **Sidemarkers** w/,
Flasher light w/, **Stop light** w/,
Bulb incl. Yes, **E-approval** Yes
Multi connector: Cargo 171372, 171373.
Lens: Cargo 170833.

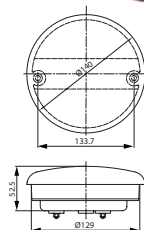
**171823** Number Plate Lamp

5 W, **Dim.** 100x58.5x55.8 mm,
Dist. mount. holes 72 mm,
Type Illumination of numberplate,
Socket type S8.5, **Colour** Black,
Colour/glass Red, **Material** Plastic,
Fixing screw 2, **Connection** Screw,
Numberplate light w/, **Bulb incl.** No,
E-approval Yes

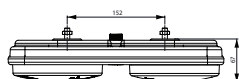
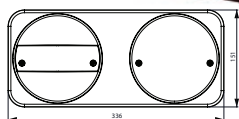
**171917** Multi Function Lamp

5 W 1, **18 W 2**, **18 W 3**,
Dim. 115x54 mm, **OD** 115 mm,
Dist. mount. holes 45 mm,
Bulb type 1 10.5x36 mm,
Bulb type 2 15x41 mm,
Bulb type 3 15x41 mm,
Socket type 1 S8.5, **Socket type 2** S8.5,
Socket type 3 S8.5,
Colour/glass Red/yellow,
Material/dome PMMA, **Fixing screw** 2,
Shape Round, **Connection** Connection,
Flasher light w/, **Tail light** w/,
Stop light w/, **Bulb incl.** No, **RH/LH**

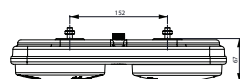
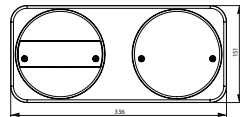
Trailer Lamps w/LED



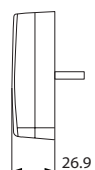
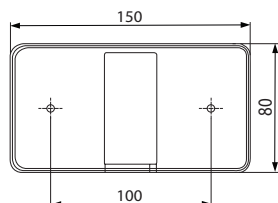
171549 LED Multifunction Lamp
9-33 V, Dim. 140x52.5 mm,
Dist. mount. holes 45 mm, Type LED,
Colour Black, Material Shockproof
plastic, Fixing screw 2, Shape Circular,
Connection Connection, LEDs w/,
Numberplate light w/o, Flasher light w/,
Tail light w/, Stop light w/,
Reflector w/o, E-approval Yes
Mounting kit: Cargo 171266.



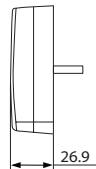
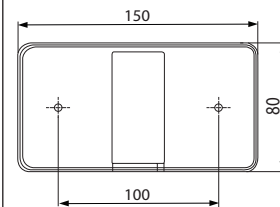
171665 LED Multifunction Lamp
12/24 V, Dim. 336x151x67 mm,
Dist. mount. holes 152 mm, Type LED,
Material Shockproof plastic,
Shape Rectangular,
Connection Connection, LEDs w/,
Flasher light w/, Reverse light w/,
Tail light w/, Stop light w/,
Reflector w/, LH, E-approval Yes
Right: Cargo 171666.



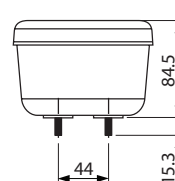
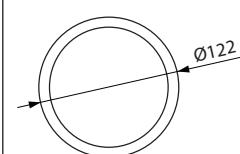
171666 LED Multifunction Lamp
12/24 V, Dim. 336x151x67 mm,
Dist. mount. holes 152 mm, Type LED,
Material Shockproof plastic,
Shape Rectangular,
Connection Connection,
Flasher light w/, Reverse light w/,
Tail light w/, Stop light w/,
Reflector w/, RH, E-approval Yes
Left: Cargo 171665.



171667 LED Multifunction Lamp
12/24 V, Dim. 150x80x26.9 mm,
Dist. mount. holes 100 mm, Type LED,
Material Plastic, Shape Rectangular,
Connection Connection, LEDs w/,
Flasher light w/, Tail light w/,
Stop light w/, Reflector w/,
E-approval Yes
White = ground. Brown = tail light. Red =
stop. Yellow = indicator.



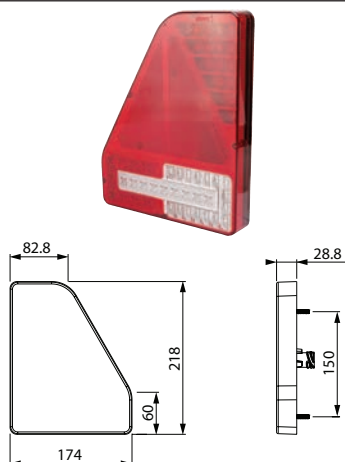
171668 LED Multifunction Lamp
12/24 V, Dim. 150x80x26.9 mm,
Dist. mount. holes 100 mm, Type LED,
Colour/glass Clear, Material Shockproof
plastic, Material/dome Glass,
Shape Rectangular, Connection Cable,
LEDs w/, Flasher light w/,
Tail light w/, Stop light w/,
Reflector w/, E-approval Yes
White = ground. Brown = tail light. Red =
stop. Yellow = indicator.



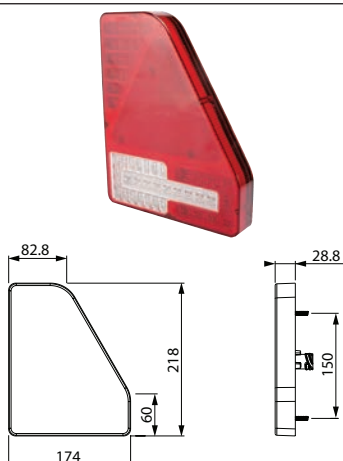
171725 LED Tail-Position Lamp
12/24 V, Dim. 122x84.5 mm,
OD 122 mm, Dist. mount. holes 44 mm,
Cable length 150 mm, Type LED,
Material Shockproof plastic,
Material/dome Shockproof plastic,
Fixing screw 6, Shape Round,
Connection Cable, LEDs w/,
No./LEDs 44, Flasher light w/,
Tail light w/, Stop light w/,
Reflector w/o, E-approval Yes
Ring: amber, center: red.



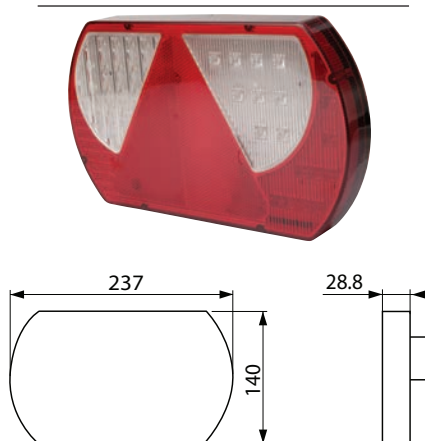
171726 LED Fog/Reverse Lamp
12/24 V, Dim. 122x84.5 mm,
OD 122 mm, Dist. mount. holes 44 mm,
Cable length 150 mm, Type LED,
Material Shockproof plastic,
Material/dome Shockproof plastic,
Connection Cable, LEDs w/
No./LEDs 38, Numberplate light w/o,
Rear/fog lamp w/, Reverse light w/
Reflector w/o, E-approval Yes
Ring: clear, center: red.



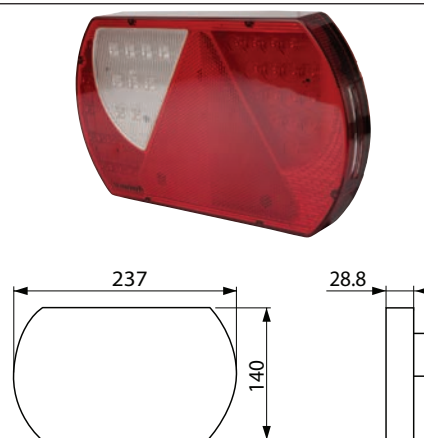
171756 LED Multifunction Lamp
12/24 V, Dim. 174x218x28.8 mm,
Dist. mount. holes 150 mm,
Type Tail/position lamp,
Material Shockproof plastic,
Material/dome Shockproof plastic,
Shape Triangle, Connection Multiplug,
LEDs w/, Rear/fog lamp w/
Flasher light w/, Reverse light w/
Tail light w/, Stop light w/
Reflector w/, RH, Approvals CE,
E-approval Yes
Multi-plug: Cargo 171788.



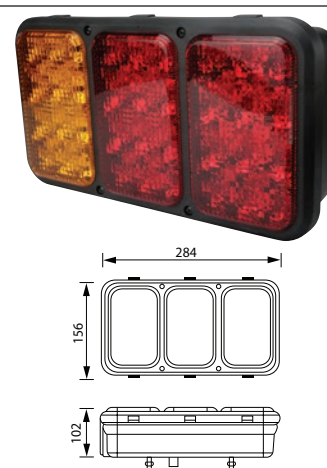
171757 LED Multifunction Lamp
12/24 V, Dim. 174x218x28.8 mm,
Dist. mount. holes 150 mm,
Type Tail/position lamp,
Material Shockproof plastic,
Material/dome Shockproof plastic,
Shape Triangle, Connection Multiplug,
LEDs w/, Rear/fog lamp w/
Flasher light w/, Reverse light w/
Tail light w/, Stop light w/
Reflector w/, LH, Approvals CE,
E-approval Yes
Multi-plug: Cargo 171788.



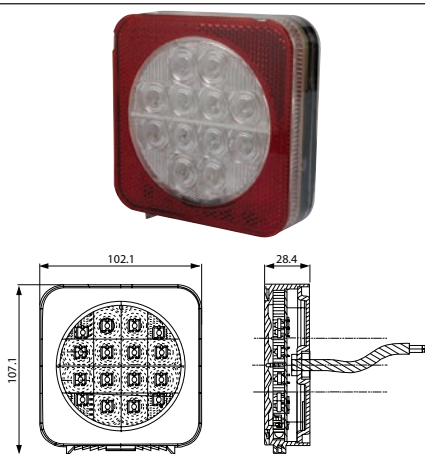
171758 LED Multifunction Lamp
12/24 V, Dim. 237x140x28.8 mm,
Dist. mount. holes 152 mm,
Mount. 2 screws, Cable length 2000 mm,
Type Tail lamp, Material Shockproof plastic,
Material/dome Shockproof plastic,
Shape Oval, Connection Cable, LEDs w/
Numberplate light w/, Flasher light w/
Reverse light w/, Tail light w/
Stop light w/, Reflector w/, RH,
E-approval Yes
White = ground. Red = stop. Black = tail.
Yellow = indicator. Brown = reverse.



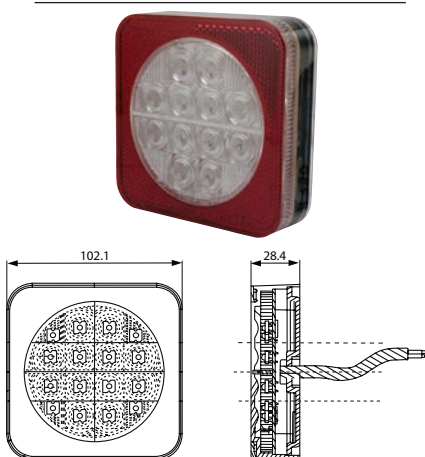
171759 LED Multifunction Lamp
12/24 V, Dim. 237x140x28.8 mm,
Dist. mount. holes 152 mm,
Mount. 2 screws, Cable length 2000 mm,
Type Tail lamp, Material Shockproof plastic,
Material/dome Shockproof plastic,
Shape Oval, Connection Cable,
LEDs w/, Numberplate light w/
Rear/fog lamp w/, Flasher light w/
Tail light w/, Stop light w/
Reflector w/, LH, E-approval Yes
White = ground. Red = stop. Black = tail.
Yellow = indicator. Blue = fog.



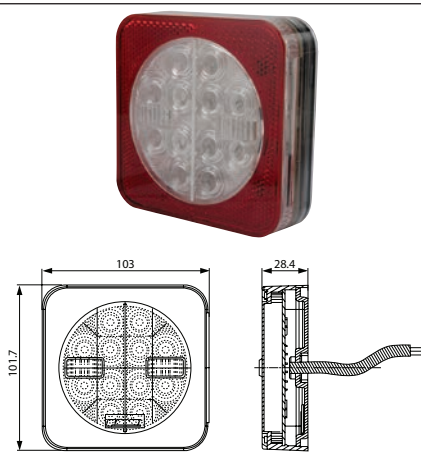
171772 LED Multifunction Lamp
24 V, Dim. 284x156x102 mm,
Dist. mount. holes 130x78 mm,
Mount. 4 screws, Type Tail lamp,
Material Polypropylene,
Material/dome PMMA, Shape Rectangular,
Connection Cable, LEDs w/
No./LEDs 3x16, Numberplate light w/o,
Rear/fog lamp w/o, Flasher light w/
Reverse light w/o, Tail light w/
Stop light w/, Reflector w/, RH/LH,
E-approval Yes
White=ground. Brown=tail. Yellow=flasher.
Red=stop.



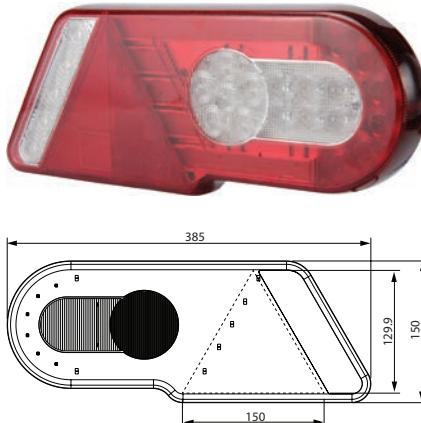
171789 LED multifunction lamp
12/24 V, Dim. 102.1x107.1x28.4 mm,
Dist. mount. holes 45 mm,
Mount. 2 screws, Cable length 500 mm,
Type Tail lamp, Bulb type LED,
Material Polycarbonat,
Material/dome Polycarbonat,
Shape Square, Connection Cable,
LEDs w/, No./LEDs 12,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Reflector w/, RH/LH,
Tightness norm IP 67, E-approval Yes
Vertical mount.



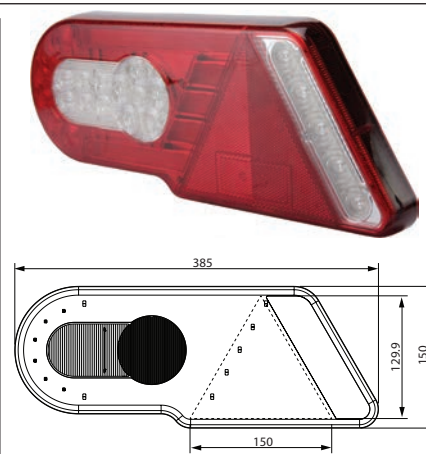
171790 LED multifunction lamp
12/24 V, Dim. 102.1x28.4 mm,
Dist. mount. holes 45 mm,
Mount. 2 screws, Cable length 500 mm,
Type Tail lamp, Material Polycarbonat,
Material/dome Polycarbonat,
Shape Square, Connection Cable,
LEDs w/, No./LEDs 12,
Flasher light w/, Tail light w/,
Stop light w/, Reflector w/, RH/LH,
Tightness norm IP 67, E-approval Yes



171791 LED multifunction lamp
12/24 V, Dim. 103x101.7x28.4 mm,
Dist. mount. holes 45 mm,
Mount. 2 screws, Cable length 500 mm,
Type Tail lamp, Material Polycarbonat,
Material/dome Polycarbonat,
Shape Square, Connection Cable,
LEDs w/, No./LEDs 12,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Reflector w/, RH/LH,
Tightness norm IP 67, E-approval Yes
Horizontal mount.



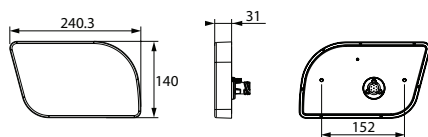
171927 LED Multifunction Lamp
12-24 V, Dim. 385x150x34.1 mm,
Dist. mount. holes 152.3 mm,
Type LED, Shape Rectangular,
Connection Connection,
Rear/fog lamp w/, Flasher light w/,
Reverse light w/, Tail light w/,
Stop light w/, Reflector w/, RH,
Tightness norm IP 67, Approvals CE,
E-approval Yes
Left: Cargo 171928.



171928 LED Multifunction Lamp
12-24 V, Dim. 385x150x34.1 mm,
Dist. mount. holes 152 mm,
Type LED, Shape Rectangular,
Connection Connection,
Rear/fog lamp w/, Flasher light w/,
Reverse light w/, Tail light w/,
Stop light w/, Reflector w/, LH,
Tightness norm IP 67, Approvals CE,
E-approval Yes
Right: Cargo 171927.



171929 LED Multifunction Lamp
12-24 V, Dim. 240.3x140x31 mm,
Dist. mount. holes 152 mm,
Type LED, Shape Rectangular,
Connection Connection,
Rear/fog lamp w/, Flasher light w/,
Reverse light w/, Tail light w/,
Stop light w/, Reflector w/, RH,
Tightness norm IP 67, Approvals CE,
E-approval Yes
Left: Cargo 171930.



171930 LED Multifunction Lamp
12-24 V, **Dim.** 240.3x140x31 mm,
Dist. mount. holes 152 mm,
Type LED, **Shape** Rectangular,
Connection Connection,
Rear/fog lamp w/, **Flasher light** w/,
Reverse light w/, **Tail light** w/,
Stop light w/, **Reflector** w/, LH,
Tightness norm IP 67, **Approvals** CE,
E-approval Yes
Right: Cargo 171929.

Accessories

Pkg. 12



160970 Load Resistor 12V
Length 50, **Width** 15
50 W, 6 Ohm, 2 A.

Pkg. 12



160971 Load Resistor 24V
Length 50, **Width** 15
24 V. 50 W. 24 Ohm. 1 A.

Trailer Lamps

Spare Parts



170687 Lens, Rear Lamp
Servicing: Cargo 170685
Dim. 104x98 mm, RH/LH



170833 Lens, Rear Lamp
Servicing: Cargo 170939, 170940
Dim. 108x103x52 mm,
Material Shockproof plastic,
Flasher light w/, **Tail light** w/,
Stop light w/, **Reflector** w/o, RH/LH



170847 Lens, Rear Lamp
Servicing: Cargo 170846
Dim. 111x82 mm, **Material** Shockproof
plastic, **Numberplate light** w/o, RH/LH



170944 Lens, Rear Lamp
Servicing: Cargo 170943
Dim. 120x80 mm, **Material** Shockproof
plastic, **Shape** Rectangular,
Numberplate light w/o, **Reflector** w/o,
RH/LH



170987 Lens, Rear Lamp
Servicing: Cargo 170985, 170986
Dim. 180x60 mm, **Material** Shockproof
plastic, **Shape** Rectangular, RH/LH



171015 Lens, Rear Lamp
Servicing: Cargo 171013, 171533
Dim. 218x140 mm, **Material** Shockproof
plastic, **Shape** Rectangular, **Reflector** w/,
LH



171016 Lens, Rear Lamp
Servicing: Cargo 171534, 171014
Dim. 218x140 mm, **Material** Shockproof
plastic, **Shape** Rectangular, **Reflector** w/,
RH



171056 Lens, Rear Lamp
Servicing: Cargo 171051, 171053
Dim. 235x135x52 mm,
Material Shockproof plastic,
Shape Rectangular,
Numberplate light w/, **Reflector** w/, RH



171057 Lens, Rear Lamp
Servicing: Cargo 171050, 171054
Dim. 235x135x52 mm,
Material Shockproof plastic,
Shape Rectangular,
Numberplate light w/, **Reflector** w/, LH



171058 Lens, Rear Lamp
Servicing: Cargo 171052
Dim. 235x135 mm, **Material** Shockproof plastic, **Shape** Rectangular,
Numberplate light w/, **Reflector** w/, RH



171059 Lens, Rear Lamp
Servicing: Cargo 171055
Dim. 235x135 mm, **Material** Shockproof plastic, **Shape** Rectangular,
Numberplate light w/, **Reflector** w/, LH



171162 Lens, Rear Lamp
Servicing: Ford Transit 1986
Dim. 364x94 mm, **Material** Shockproof plastic, **Shape** Rectangular, **Reflector** w/,
E-approval Yes



171236 Lens, Rear Lamp
Servicing: Cargo 171191
Dim. 122.5x122.5x53 mm, **Shape** Square,
RH/LH



171237 Lens, Rear Lamp
Servicing: Cargo 171192, 171193, 171194, 171195
OD 140 mm, **Type** Tail lamp,
Material Plastic, **Shape** Circular,
Reflector w/o, RH/LH



171253 Lens, Rear Lamp
Servicing: Cargo 171202
Dim. 93x99 mm,
Dist. mount. holes 45 mm,
Material Shockproof plastic,
Shape Hexagon, **LEDs** w/o,
Bulb incl. No, **Reflector** w/o, RH/LH



171258 Lens, Rear Lamp
Servicing: Cargo 171203
Dim. 158x64 mm, **Material** Shockproof plastic, **Shape** Rectangular, **Reflector** w/,
LH



171259 Lens, Rear Lamp
Servicing: Cargo 171204
Dim. 158x64 mm, **Shape** Rectangular,
Reflector w/, RH



171264 Lens, Rear Lamp
Servicing: Cargo 171213
Dim. 235x135 mm, **Shape** Rectangular,
Numberplate light w/, **Reflector** w/, LH



171265 Lens, Rear Lamp
Servicing: Cargo 171214
Dim. 235x135 mm, **Shape** Rectangular,
Numberplate light w/, **Reflector** w/, RH



171330 Lens, Rear Lamp
Servicing: Cargo 171328, 171329
OD 140 mm, **Shape** Circular,
Reflector w/o, RH/LH

Pkg. 2

Pkg. 3

Pkg. 2

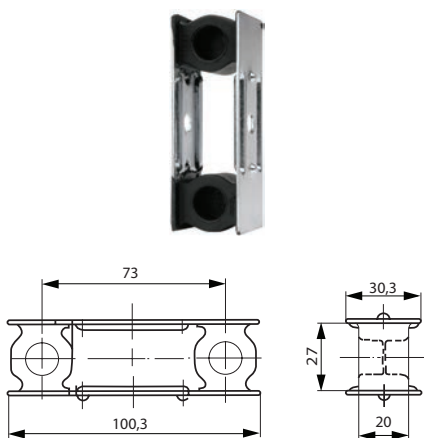
Pkg. 6

Pkg. 3

Pkg. 2

Accessories

Pkg. 2

**170604** Vibration Damper

Servicing: Cargo 170602, 171323

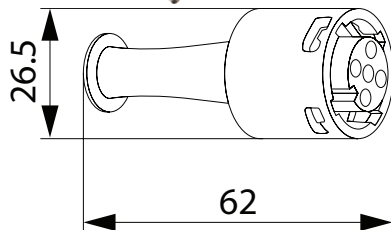
Gives a longer life to the bulbs.

Pkg. 4

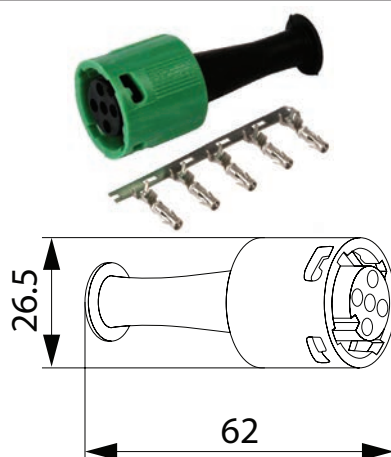
**171266** Repair Kit

Servicing: Cargo 171193, 171195, 171329, 171549, 171550

Circulars.

**171372** Multi Connector

Servicing: Cargo 171050, 171051, 171052, 171053, 171054, 171055, 171818, 171821

Colour/glass Yellow, LH, E-approval Yes
Socket w/ quick connection.**171373** Multi Connector

Servicing: Cargo 171050, 171051, 171052, 171053, 171054, 171055, 171818, 171821

Colour/glass Green, RH, E-approval Yes
Socket w/ quick connection.**171537** Multi Connector

Servicing: Cargo 171533, 171534

Colour Red, LH

Socket w/ quick connection.

**171538** Multi Connector

Servicing: Cargo 171533, 171534

Colour Green, RH

Socket w/ quick connection.

**171788** Multiconnector 7 pin

Servicing: Cargo 171756, 171757

Type/terminal Round, Colour Black,
No./poles 7, Plug Female
Gasket: Cargo 192178.**181627** Bayonet connector

Servicing: HC-CARGO 181617

12 V, Cable dim. 8x1.5-2.5 mm²,

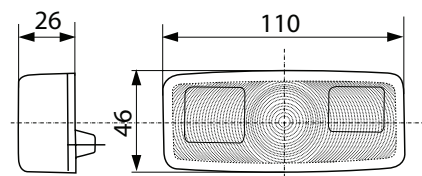
Mount. Terminal, Plug type Bayonet,

Locking device Bayonet,

Connection Connection, No./poles 8,
DIN norm 72580

Tail Lamps

Pkg. 2

**170886** Tail Lamp

5 W, Dim. 110x46x26 mm,

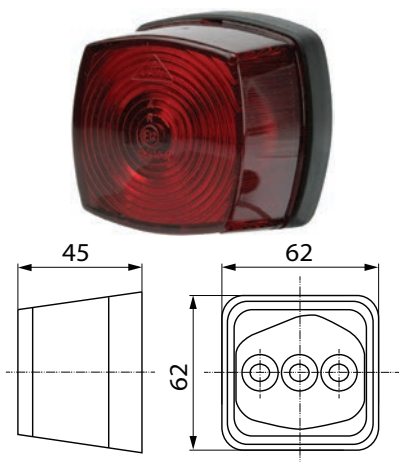
Dist. mount. holes 85 mm,

Socket type T10, Colour/glass Red,

Material Shockproof plastic,

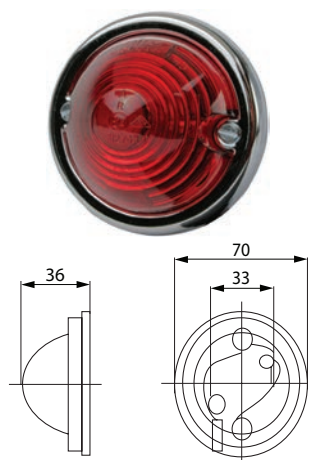
Fixing screw 2, Shape Rectangular,

Connection Connection, Reflector w/,
E-approval Yes



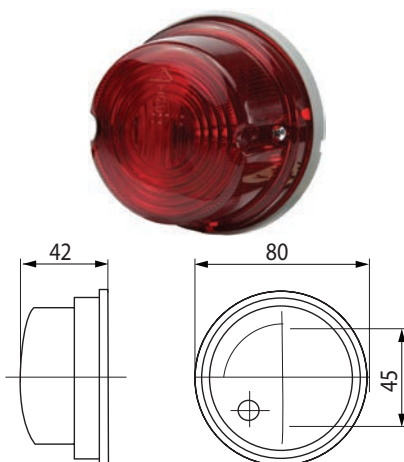
Pkg. 6

171173 Tail Lamp
5 W, Dim. 62x62x46 mm,
Dist. mount. holes 30 mm,
Socket type S8.5, Colour/glass Red,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection, Sidemarker w/,
E-approval Yes



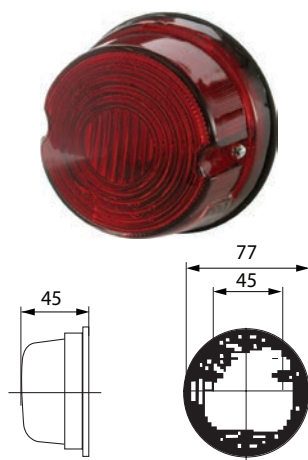
Pkg. 8

171178 Tail Lamp
5 W, Dim. 70x36 mm,
Dist. mount. holes 33 mm,
Socket type S8.5, Colour/glass Red,
Material Steel, Fixing screw 2,
Connection Screw, E-approval Yes



Pkg. 6

171181 Tail Lamp
5 W, Dim. 80x42 mm,
Dist. mount. holes 45 mm,
Socket type S8.5, Colour/glass Red,
Material Shockproof plastic,
Fixing screw 2, Connection Connection,
Numberplate light w/o, E-approval Yes



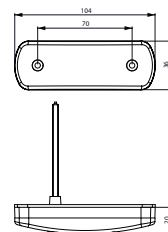
Pkg. 6

171197 Tail Lamp
5 W, Dim. 77x45 mm,
Dist. mount. holes 45 mm,
Socket type S8.5, Colour/glass Red, Material Metal,
Fixing screw 2, Shape Circular,
Connection Connection,
Numberplate light w/

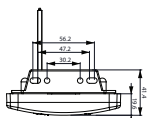
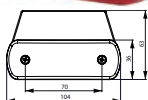


171331 Tail Lamp
5 W, Dim. 102x42x28 mm,
Dist. mount. holes 65 mm,
Socket type S8.5, Colour/glass Red,
Material Plastic, Fixing screw 2,
Connection Connection, E-approval Yes

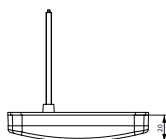
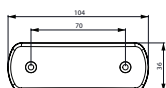
w/LED



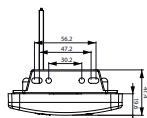
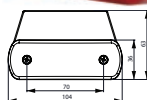
171579 LED Tail Lamp
12 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/,
No./LEDs 3, Tail light w/, Reflector w/,
E-approval Yes

**171580** LED Tail Lamp

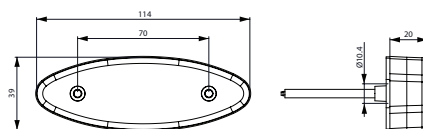
12 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/,
No./LEDs 3, Tail light w/,
Bracket Angled, Reflector w/,
E-approval Yes

**171599** LED Tail Lamp

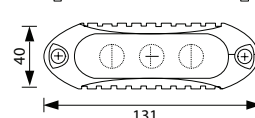
24 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/,
No./LEDs 3, Tail light w/, Reflector w/,
E-approval Yes

**171600** LED Tail Lamp

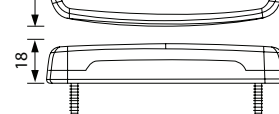
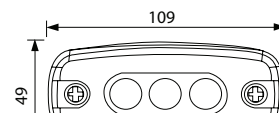
24 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/,
No./LEDs 3, Tail light w/,
Bracket Angled, Reflector w/,
E-approval Yes

**171605** LED Tail Lamp

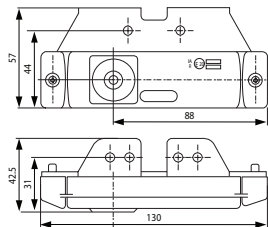
24 V, Dim. 114x39x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2, Shape Oval,
LEDs w/, No./LEDs 3, Tail light w/,
Reflector w/, E-approval Yes

**171635** LED Tail Lamp

9-36 V, Dim. 131x40x34 mm,
Dist. mount. holes 115 mm, Type LED,
Colour/glass Red, Material PP/PMMA,
Shape Oval, Connection Cable,
LEDs w/, No./LEDs 3,
Numberplate light w/o, Tail light w/,
Bulb incl. Yes, Reflector w/o,
E-approval Yes

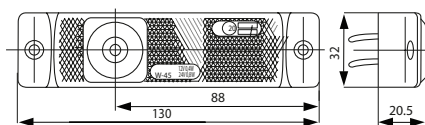
**171637** LED Tail Lamp

9-36 V, 0.9 W, Dim. 109x49x18 mm,
Dist. mount. holes 83 mm, Type LED,
Colour/glass Red, Shape Rectangular,
LEDs w/, No./LEDs 3, Tail light w/,
Reflector w/, E-approval Yes



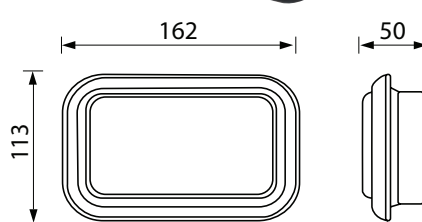
171719 LED Tail Lamp

12/24 V, Dim. 130x57x42.5 mm, Dist. mount. holes 50 mm, Type LED, Colour/glass Red, Material Shockproof plastic, Shape Rectangular, Connection Cable, LEDs w/, No./LEDs 1, Numberplate light w/o, Tail light w/, Bracket Angled, Reflector w/, E-approval Yes



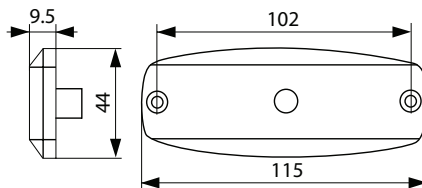
171720 LED Tail Lamp

12/24 V, Dim. 130x32x20.5 mm, Dist. mount. holes 50 mm, Type LED, Colour/glass Red, Material Shockproof plastic, Shape Rectangular, Connection Cable, LEDs w/, No./LEDs 1, Numberplate light w/o, Tail light w/, Reflector w/, E-approval Yes



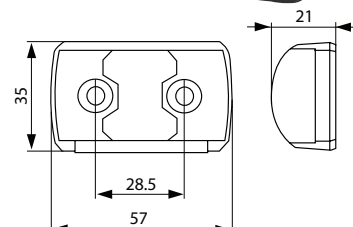
171771 LED Tail Lamp

24 V, 2.5 W, Dim. 162x113x50 mm, Mount. Plan installation, Type Tail lamp, Colour/glass Red, Material ABS plastic, Material/dome PMMA, Shape Rectangular, Connection Multipug, LEDs w/, No./LEDs 16, Numberplate light w/o, Tail light w/, Stop light w/, Reflector w/o, RH/LH, E-approval Yes



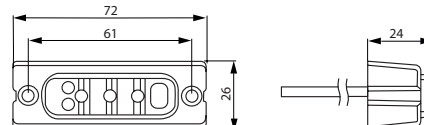
171840 LED Tail Lamp

12/24 V, 0.45-1.6 W, - Dim. 115x44x9.5 mm, Dist. mount. holes 102 mm, Mount. 2 screws, Cable length 5000 mm, Type LED, Colour White, Colour/glass Red, Material Polycarbonat, Material/dome Polycarbonat, Shape Rectangular, Connection Cable, LEDs w/, No./LEDs 3, Tail light w/, Reflector w/, Tightness norm IP 67, Approvals SAE, E-approval Yes



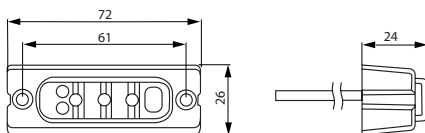
171843 LED Tail Lamp

12/24 V, Dim. 57x35x21 mm, Dist. mount. holes 28 mm, Mount. 2 screws, Cable length 400 mm, Type LED, Colour Black, Colour/glass Red, Fixing screw 2, Shape Rectangular, Connection Cable, LEDs w/, No./LEDs 2, Tail light w/, Tightness norm IP 67, E-approval Yes

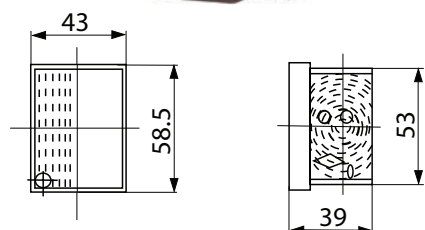


171861 LED Tail Lamp

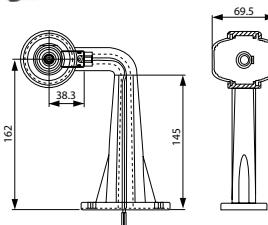
12/24 V, 0.3-0.6 W, Dim. 72x26x24 mm, Cable length 5000 mm, Type LED, Colour Black, Colour/glass Red, Material PP, Material/dome PMMA, Fixing screw 2, Shape Rectangular, LEDs w/, No./LEDs 3, Tail light w/, Approvals CE, E-approval Yes

**171867** LED Tail Lamp

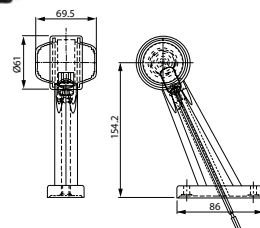
12/24 V, 0.3-0.6 W,
Cable length 5000 mm, Type LED,
Colour Black, Colour/glass Red,
Material PP, Material/dome PMMA,
Fixing screw 2, Shape Rectangular,
LEDs w/, No./LEDs 3, Tail light w/,
Bracket Adjustable, Approvals CE,
E-approval Yes

Tail Position Lamps**170552** Tail/Position Lamp

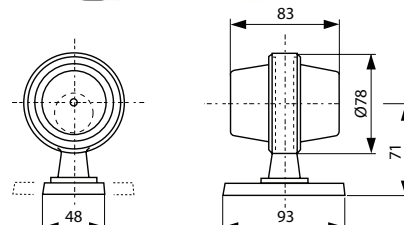
5 W, Dim. 58.5x43x39 mm,
Dist. mount. holes 25 mm,
Socket type S8.5, Colour/glass Red/white,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection, Sidemarker w/,
Tail light w/, RH/LH, E-approval Yes

**170632** Tail/Position Lamp

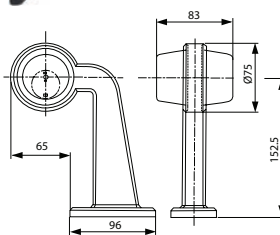
10 W, Dim. 162x69.5 mm, OD 45 mm,
Socket type BA15S, Colour/glass Red/white,
Sidemarker w/, Tail light w/,
E-approval Yes
Lens: Cargo 170635, 170636.

**170633** Tail/Position Lamp

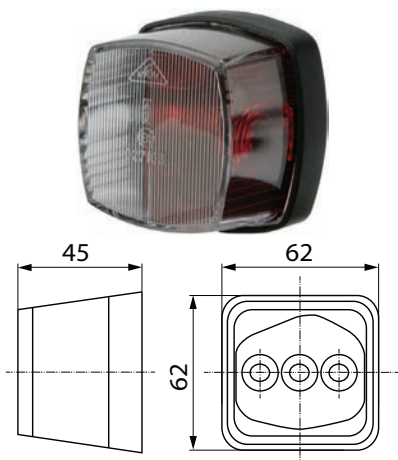
10 W, Dim. 154.2x69.5 mm,
OD 45 mm, Dist. mount. holes 75 mm,
Socket type BA15S,
Colour/glass Red/white,
Connection Cable, LEDs w/o,
Sidemarker w/, Tail light w/,
Bulb incl. No, E-approval Yes
Lens: Cargo 170635, 170636.

**170640** Tail/Position Lamp

5 W, Dim. 110x78x93 mm,
OD 60 mm, Dist. mount. holes 75 mm,
Socket type BA15S, Colour/glass Red/white,
Shape Round, Sidemarker w/,
Tail light w/, E-approval Yes
Lens: Cargo 170642, 170641. Bulb holder:
Cargo 170671.

**170668** Tail/Position Lamp

5 W, Dim. 152.5x83 mm, OD 60 mm,
Socket type BA15S, Colour/glass Red/white,
Sidemarker w/, Tail light w/,
Bulb incl. No, E-approval Yes
Lens: Cargo 170642, 170641. Bulb holder:
Cargo 170671. Bulbs: Cargo 170773.



171196 Tail/Position Lamp

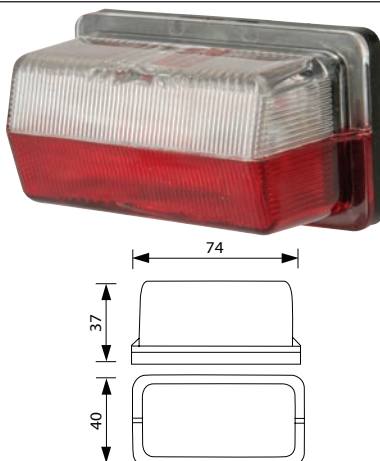
5 W, Dim. 62x62x45 mm,
Dist. mount. holes 30 mm,
Socket type S8.5, Colour/glass Red/white,
Material Shockproof plastic,
Fixing screw 2, Shape Square,
Connection Connection, Sidemarker w/,
Tail light w/, RH/LH, E-approval Yes



171627 Tail/Position Lamp

12/24 V, 5 W, 5 W 1,
Dim. 143x40x35 mm,
Dist. mount. holes 30 mm,
Socket type S8.5, Material Plastic,
Shape Rectangular, Connection Screw,
LEDs w/o, Sidemarker w/, Tail light w/,
Bulb incl. No, Reflector w/o,
Approvals ADR, E-approval Yes

Pkg. 6



171706 Tail/Position Lamp

Servicing: Cargo 171627
12/24 V, 5 W, 5 W 1,
Dim. 74x40x37 mm,
Dist. mount. holes 45 mm,
Socket type S8.5, Shape Rectangular,
Connection Screw, LEDs w/o,
Sidemarker w/, Tail light w/,
Bulb incl. No, Approvals ADR,
E-approval Yes

Spare Parts

Pkg. 5



170635 Lens

Servicing: Cargo 170632, 170633
Colour/glass White, Material Glass,
Shape Round

Pkg. 5



170636 Lens

Servicing: Cargo 170632, 170633
Colour/glass Red, Material Glass,
Shape Round

Pkg. 4



170641 Lens

Servicing: Cargo 170640, 170668
Colour/glass Red, Material Glass, Shape Round

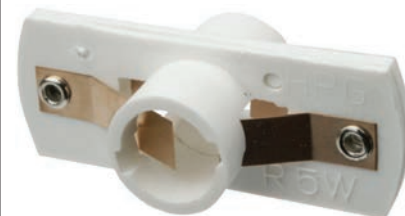
Pkg. 4



170642 Lens

Servicing: Cargo 170640, 170668
Colour/glass White, Material Glass

Pkg. 5

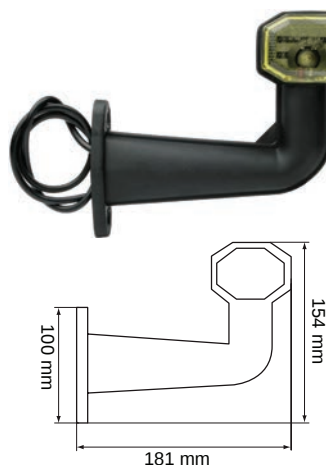


170671 Bulb Holder

Servicing: Cargo 170640, 170668, 170713

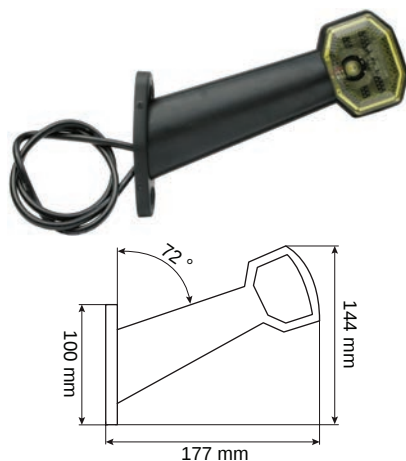
w/LED

Pkg. 2



171528 LED Tail-Position Lamp
24 V, Dim. 181x154x48 mm,
Dist. mount. holes 73 mm, Mount. 2 screws,
Cable length 700 mm, Type LED,
Colour/glass Red/white, Material Rubber,
Material/dome Shockproof plastic,
Fixing screw 6, Connection Cable,
LEDs w/, No./LEDs 2x1, Sidemarker w/,
Tail light w/, RH/LH, E-approval Yes
Flange 100x41 mm.

Pkg. 2

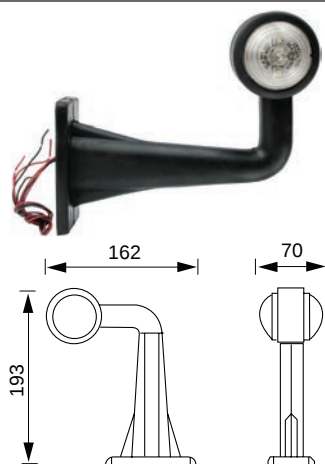


171529 LED Tail-Position Lamp
24 V, Dim. 177x144x48 mm,
Dist. mount. holes 73 mm,
Mount. 2 screws, Cable length 700 mm,
Type LED, Colour/glass Red/white,
Material Rubber,
Material/dome Shockproof plastic,
Fixing screw 6, Connection Cable,
LEDs w/, No./LEDs 2x1, Sidemarker w/,
Tail light w/, RH/LH, E-approval Yes
Flange 100x41 mm.

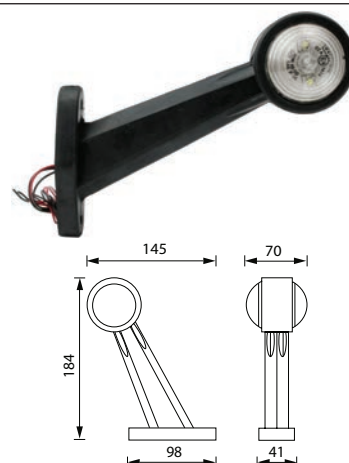
Pkg. 2



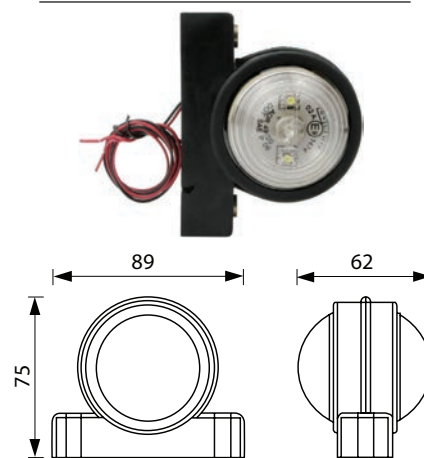
171530 LED Tail-Position Lamp
24 V, Dim. 115x65x48 mm,
Dist. mount. holes 73 mm,
Mount. 2 screws, Cable length 700 mm,
Type LED, Colour/glass Red/white,
Material Rubber,
Material/dome Shockproof plastic,
Fixing screw 6, Connection Cable,
LEDs w/, No./LEDs 2x1, Sidemarker w/,
Tail light w/, RH/LH, E-approval Yes



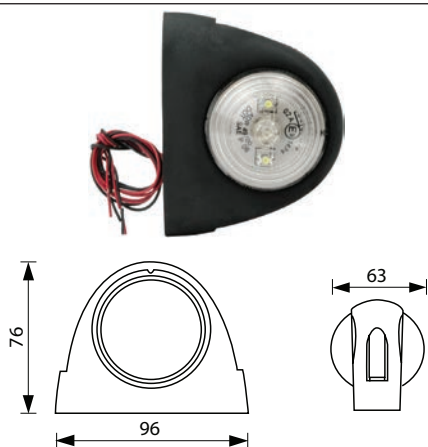
171591 LED Tail-Position Lamp
9-36 V, Dim. 193x163x70 mm,
OD 45 mm, Dist. mount. holes 78 mm,
Type LED, Colour/glass Red/white,
Connection Cable, LEDs w/,
No./LEDs 2x3, Sidemarker w/,
Tail light w/, RH/LH, Approvals ADR/SAE,
E-approval Yes



171592 LED Tail-Position Lamp
9-36 V, Dim. 184x145x70 mm,
OD 45 mm, Dist. mount. holes 78 mm,
Type LED, Colour/glass Red/white,
Connection Cable, LEDs w/,
No./LEDs 2x3, Sidemarker w/,
Tail light w/, RH/LH, Approvals SAE,
E-approval Yes



171593 LED Tail-Position Lamp
9-36 V, Dim. 75x89x62 mm,
OD 45 mm, Dist. mount. holes 78 mm, Type LED,
Colour/glass Red/white, Material Rubber,
Connection Cable, LEDs w/,
No./LEDs 2x3, Sidemarker w/,
Tail light w/, Reflector w/o, RH/LH,
Approvals ADR/SAE, E-approval Yes



171617 LED Tail-Position Lamp
9-36 V, Dim. 96x76x63 mm, OD 76 mm,
Dist. mount. holes 78 mm, Type LED,
Colour/glass Red/white,
Material Synthetic rubber,
Connection Cable, LEDs w/,
No./LEDs 2x3, Sidemarker w/,
Tail light w/, Reflector w/o, RH/LH,
Approvals ADR/SAE, E-approval Yes



171730 LED Tail/Position/Side Marker
12/24 V, Dim. 127x61x47 mm,
Dist. mount. holes 78 mm,
Mount. 2 screws, Cable length 500 mm,
Type LED, Connection Cable,
LEDs w/, No./LEDs 7, Sidemarker w/,
Sidemarker lamp w/, Tail light w/,
RH/LH, Tightness norm IP 67,
E-approval Yes
w/ 128 mm rubber arm.



171731 LED Tail/Position/Side Marker
12/24 V, Dist. mount. holes 52 mm,
Mount. 4 holes, Cable length 450 mm,
Type LED, Colour Black,
Material Rubber, Connection Cable,
LEDs w/, No./LEDs 9, Sidemarker w/,
Sidemarker lamp w/, Tail light w/, RH,
E-approval Yes
w/ 145 mm rubber arm.



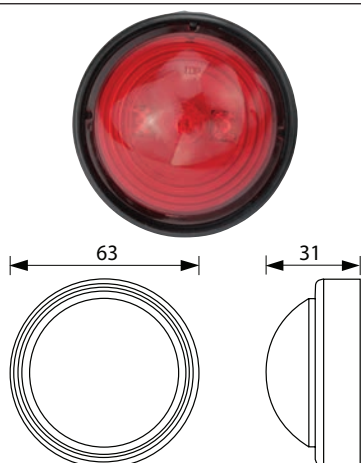
171732 LED Tail/Position/Side Marker
12/24 V, Dim. 145x131x47 mm,
Dist. mount. holes 52 mm,
Mount. 4 holes, Cable length 450 mm,
Type LED, Colour Black,
Material Rubber, Connection Cable,
LEDs w/, No./LEDs 9, Sidemarker w/,
Sidemarker lamp w/, Tail light w/, LH,
E-approval Yes



171733 LED Tail/Position/Side Marker
12/24 V, Dim. 173x167x47 mm,
Dist. mount. holes 78 mm,
Mount. 2 screws, Cable length 500 mm,
Type LED, Connection Cable,
LEDs w/, No./LEDs 7, Sidemarker w/,
Sidemarker lamp w/, Tail light w/, RH



171734 LED Tail/Position/Side Marker
12/24 V, Dim. 173x167x47 mm,
Dist. mount. holes 78 mm,
Mount. 2 screws, Cable length 500 mm,
Type LED, Connection Cable,
LEDs w/, No./LEDs 7, Sidemarker w/,
Sidemarker lamp w/, Tail light w/, LH



171743 LED Tail Lamp
9-36 V, Dim. 63x31 mm, OD 63 mm,
Dist. mount. holes 30 mm,
Mount. 2 screws, Cable length 300 mm,
Type LED, Colour Black,
Colour/glass Red, Material PVC,
Material/dome PMMA, Connection Cable,
LEDs w/, No./LEDs 3, Tail light w/,
Reflector w/o, Approvals ADR/SAE,
E-approval Yes

Side Indicators



170713 Flasher Lamp
5 W, Dim. 108x84x93 mm, OD 60 mm,
Socket type BA15S, Colour/glass Orange,
E-approval Yes
Lens: Cargo 170670, 170671.



171140 Flasher Lamp
Servicing: Fiat, Ford, Lada, Universal
4 W, OD 41 mm,
Dist. mount. holes 28 mm,
Socket type BA9s, Colour/glass Orange,
Connection Multiplug, E-approval Yes

Pkg. 10



171141 Flasher Lamp
Servicing: Fiat 127, 129
Colour/glass Orange, E-approval Yes



171143 Flasher Lamp
Servicing: Fiat Uno 89
Colour/glass Orange, E-approval Yes



171144 Flasher Lamp
Servicing: Fiat Tipo 86
Colour/glass Orange, E-approval Yes

Pkg. 2

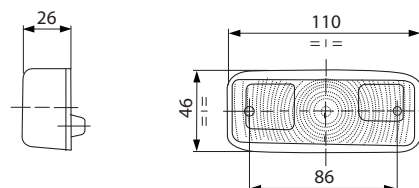


171147 Flasher Lamp
Servicing: Ford, Universal
Colour/glass Orange, E-approval Yes

Pkg. 2

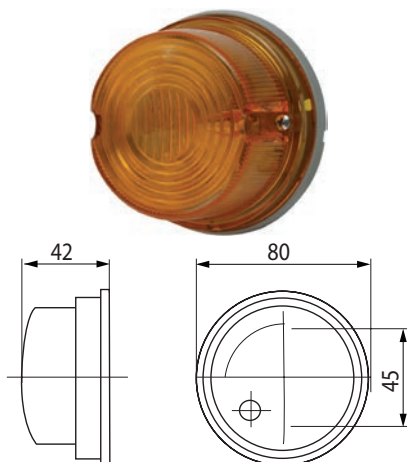


171148 Flasher Lamp
Servicing: Universal, Ford, Rover Group
Socket type 1 BA9s, Colour/glass Orange,
E-approval Yes



171153 Flasher Lamp
Servicing: Audi, VW, various types 84
12 V, 5 W, OD 58x33x9 mm,
Mount. Sidemounted,
Width/adjustable w/o,
Type Flasher lamp, Colour Orange,
Colour/glass Orange, Solenoid w/o,
Material Plastic,
Material/dome Plastic, Shape Flat,
Connection Connection,
No./lamps 1, Numberplate light w/o,
Rear/fog lamp w/o, Sidemarker w/o,
Sidemarker lamp w/o, Flasher light w/,
Reverse light w/o, Tail light w/o,
Stop light w/o,
Asymmetric light w/o,
Numberplate holder w/o, Bulb incl. No,
Protective cover w/o, Reflector w/o,
Grill w/o, Wiring system w/o,
Straps incl. No, Switch w/o, RH/LH,
E-approval Yes

Pkg. 6



171183 Flasher Lamp
 5 W, Dim. 80x42 mm,
 Dist. mount. holes 45 mm,
 Socket type S8.5, Colour/glass Orange,
 Material Shockproof plastic,
 Fixing screw 2, Connection Connection,
 E-approval Yes
 Lens: Cargo 171247.

Pkg. 2

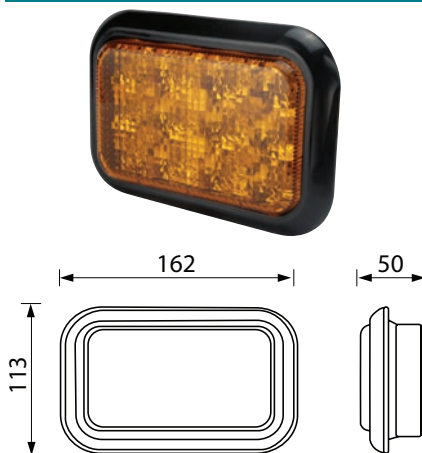


171337 Flasher Lamp
 10 W, Dim. 95x73x45+38 mm,
 Dist. mount. holes 48 mm,
 Socket type BA15S, Colour Black,
 Colour/glass Orange, Material Plastic,
 Fixing screw 2, Shape Rectangular,
 Connection Connection, E-approval Yes



171339 Flasher Lamp
 21 W, Dim. 84x84x51 mm,
 Dist. mount. holes 45 mm,
 Mount. 2 screws, Socket type BA15S,
 Colour/glass Orange, Material Plastic,
 Fixing screw 2, Shape Rectangular,
 Connection Connection, E-approval Yes
 Lens: Cargo 171340.

w/LED



171770 LED Flasher Lamp
 24 V, 4 W, Dim. 162x113x50 mm,
 Mount. Plan installation,
 Type Flasher lamp, Colour/glass Orange,
 Material ABS plastic,
 Material/dome PMMA, Shape Rectangular,
 Connection Multiplug, LEDs w/,
 No./LEDs 16, Flasher light w/, RH/LH,
 E-approval Yes

Spare Parts

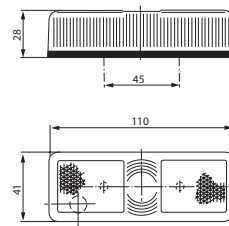
Pkg. 4



170670 Lens
 Servicing: Cargo 170713
 Colour/glass Orange, Material Glass

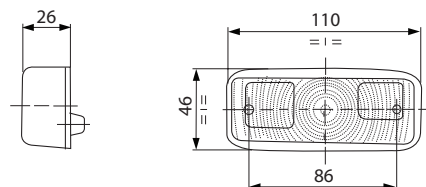
Side Marker Lamps

Pkg. 2

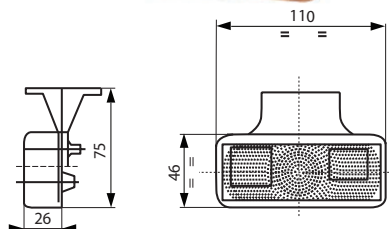


170880 Side Marker Lamp
 5 W, Dim. 110x41x28 mm,
 Dist. mount. holes 45 mm,
 Socket type S8.5, Colour Black,
 Colour/glass Orange, Material Shockproof
 plastic, Fixing screw 2,
 Shape Rectangular,
 Connection Connection, Reflector w/,
 E-approval Yes
 Lens: Cargo 170975.

Pkg. 2

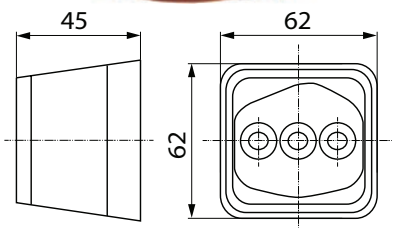


170884 Side Marker Lamp
 5 W, Dim. 110x46x26 mm,
 Dist. mount. holes 85 mm,
 Socket type T10, Colour/glass Orange,
 Material Shockproof plastic,
 Fixing screw 2, Shape Rectangular,
 Connection Connection, Reflector w/,
 E-approval Yes
 Lens: Cargo 170946.

**170885** Side Marker Lamp

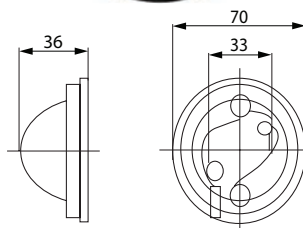
5 W, Dim. 110x46x26 mm,
Dist. mount. holes 20/50 mm,
Socket type T10, Colour/glass Orange,
Material Shockproof plastic,
Shape Rectangular,
Connection Connection, Bracket Angled,
Reflector w/, E-approval Yes
Lens: Cargo 170946.

Pkg. 6

**171175** Side Marker Lamp

5 W, Dim. 62x62x45 mm,
Dist. mount. holes 30 mm,
Socket type S8.5, Colour Black,
Colour/glass Orange, Material Shockproof
plastic, Fixing screw 2,
Connection Connection, Reflector w/,
E-approval Yes
Lens: Cargo 171243.

Pkg. 8

**171180** Side Marker Lamp

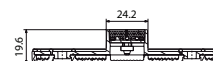
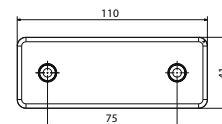
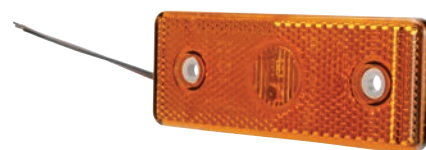
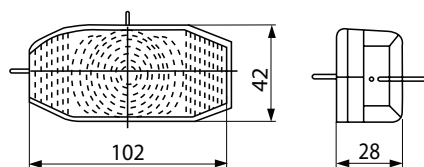
5 W, Dim. 70x36 mm,
Dist. mount. holes 33 mm,
Mount. 2 screws, Type Side marker lamp,
Socket type S8.5, Colour/glass Orange,
Material Steel, Fixing screw 2,
Connection Screw, E-approval Yes

**171343** Side Marker Lamp

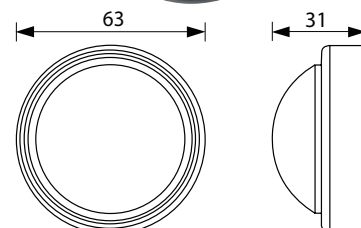
5 W, Dim. 74x45x22.5 mm,
Dist. mount. holes 52 mm,
Mount. 2 screws, Socket type S8.5,
Colour Black, Colour/glass Orange,
Material Plastic, Fixing screw 2,
Shape Rectangular,
Connection Connection, E-approval Yes

**171369** Side Marker Lamp

5 W, Dim. 102x42x28 mm,
Dist. mount. holes 65 mm,
Socket type S8.5, Colour Black,
Colour/glass Orange, Material Plastic,
Fixing screw 2, Connection Connection,
E-approval Yes

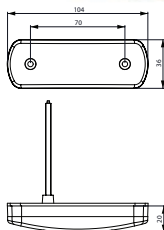
**171736** LED Side Marker Lamp

24 V, Dim. 110x41x19.6 mm,
Dist. mount. holes 75 mm,
Cable length 20 mm, Type LED,
Shape Rectangular, LEDs w/,
No./LEDs 1, Sidemarker lamp w/

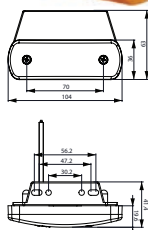
**171742** LED Side Marker Lamp

12/24 V, Dim. 63x31 mm, OD 63 mm,
Mount. 2 screws, Cable length 300 mm,
Type LED, Colour Black,
Colour/glass Orange, Material PVC,
Material/dome PMMA, Connection Cable,
LEDs w/, No./LEDs 3,
Sidemarker lamp w/, Reflector w/o,
Approvals ADR/SAE, E-approval Yes

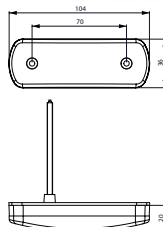
w/LED



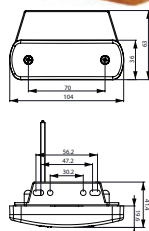
171581 LED Side Marker Lamp
12 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, Shape Rectangular, Connection Cable, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Bracket Angled, Reflector w/, E-approval Yes



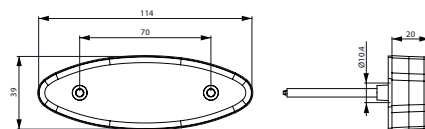
171582 LED Side Marker Lamp
12 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, Shape Rectangular, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Bracket Angled, Reflector w/, E-approval Yes



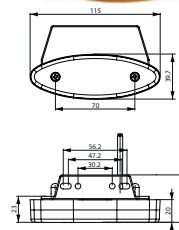
171601 LED Side Marker Lamp
24 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, Shape Rectangular, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Reflector w/, E-approval Yes



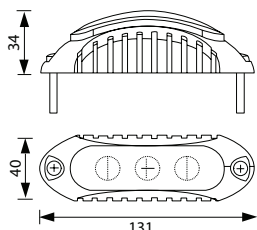
171602 LED Side Marker Lamp
24 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, Shape Rectangular, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Bracket Angled, Reflector w/, E-approval Yes



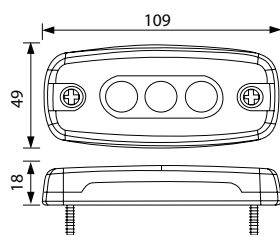
171607 LED Side Marker Lamp
24 V, Dim. 114x39x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Reflector w/, E-approval Yes



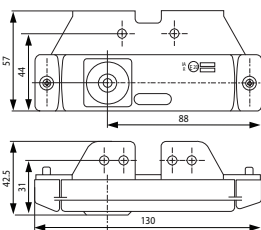
171608 LED Side Marker Lamp
24 V, Dim. 115x39.7x20 mm,
Dist. mount. holes 52 mm, Type LED,
Colour/glass Orange, Material Shockproof plastic, Fixing screw 2, Shape Oval, LEDs w/, No./LEDs 1, Sidemarker lamp w/, Bracket Angled, Reflector w/, E-approval Yes



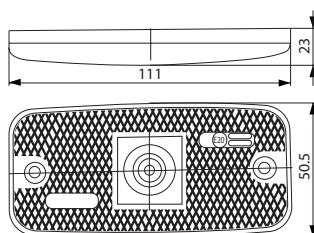
171618 LED Side Marker Lamp
9-36 V, Dim. 131x40x34 mm,
Dist. mount. holes 115 mm,
Mount. Screw fastening,
Cable length 28 mm, Type LED,
Colour Yellow, Colour/glass Orange,
Material PP/PMMA,
Material/dome ABS plastic,
Fixing screw 2, Connection Cable,
No./lamps 1, LEDs w/, No./LEDs 3,
Sidemarker lamp w/, Wiring system w/,
Switch w/o, E-approval Yes



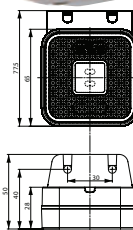
171636 LED Side Marker Lamp
9-36 V, 0.9 W, Dim. 109x49x18 mm,
Dist. mount. holes 83 mm, Type LED,
Colour/glass Orange, Shape Rectangular,
Connection Cable, LEDs w/,
No./LEDs 3, Sidemarker lamp w/,
Reflector w/, E-approval Yes



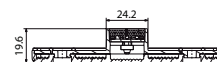
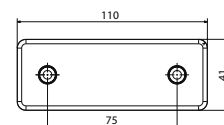
171721 LED Side Marker Lamp
12/24 V, Dim. 130x57x42.5 mm,
Dist. mount. holes 50 mm, Type LED,
Socket type LED, Material Shockproof
plastic, Shape Rectangular,
Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker lamp w/,
Bracket Angled, Reflector w/,
E-approval Yes



171722 LED Side Marker Lamp
12/24 V, Dim. 111x50.5x23 mm,
Dist. mount. holes 116 mm,
Mount. Flat w/ 2 fixing holes, Type LED,
Socket type LED, Colour/glass Orange,
Material Shockproof plastic,
Fixing screw 5, Shape Rectangular,
Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker lamp w/,
Reflector w/, E-approval Yes



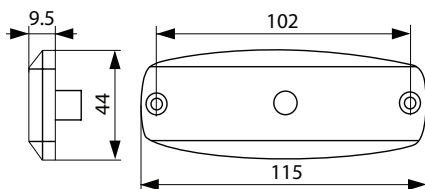
171729 LED Side Marker Lamp
Servicing: MAN
12/24 V, 1 W, Dim. 65x65x28 mm,
Dist. mount. holes 30 mm, Type LED,
Colour/glass Orange, Material ABS plastic,
Material/dome PMMA, Shape Square,
Connection Cable, LEDs w/,
No./LEDs 2, Sidemarker lamp w/,
Bracket Angled, Reflector w/,
E-approval Yes



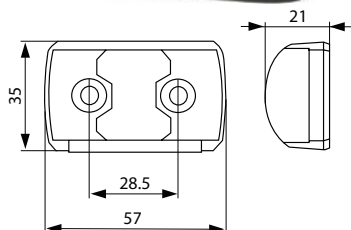
171735 LED Side Marker Lamp
12 V, Dim. 110x41x19.6 mm,
Dist. mount. holes 75 mm,
Cable length 200 mm, Type LED,
Shape Rectangular, Connection Cable,
LEDs w/, No./LEDs 1,
Sidemarker lamp w/



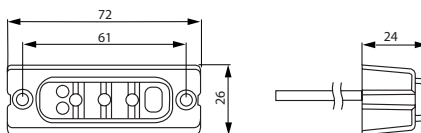
171835 LED Adapter
Servicing: Cargo 171836, 193119
Connection Multiplug
Cargo 171835 is the LED version of Cargo
170763.



171839 LED Side Marker Lamp
12/24 V, 0.45-1.6 W, -
Dim. 115x44x9.5 mm,
Dist. mount. holes 102 mm,
Mount. 2 screws, Cable length 5000 mm,
Type LED, Colour White,
Colour/glass Orange, Material Polycarbonat,
Material/dome Polycarbonat,
Shape Rectangular, Connection Cable,
LEDs w/, No./LEDs 3,
Sidemarker lamp w/, Reflector w/,
Tightness norm IP 67, Approvals SAE,
E-approval Yes



171842 LED Side Marker Lamp
12/24 V, Dim. 57x35x21 mm,
Dist. mount. holes 28 mm,
Mount. 2 screws, Cable length 400 mm,
Type LED, Colour Black,
Colour/glass Orange, Material ASA
plastic, Material/dome PMMA,
Fixing screw 2, Shape Rectangular,
Connection Cable, LEDs w/,
No./LEDs 2, Sidemarker lamp w/,
Tightness norm IP 67, E-approval Yes

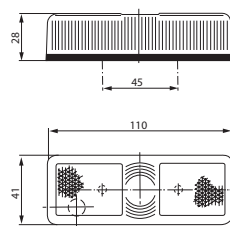


171860 LED Side Marker Lamp
12/24 V, 0.3-0.6 W, Dim. 72x26x24 mm,
Cable length 5000 mm, Type LED,
Colour Black, Colour/glass Orange,
Material PP, Material/dome PMMA,
Fixing screw 2, Shape Rectangular,
LEDs w/, No./LEDs 3, Sidemarker w/,
Approvals CE, E-approval Yes

Spare Parts



170946 Lens
Servicing: Cargo 170885



170975 Lens
Servicing: Cargo 170880
Dim. 110x41x28 mm

Accessories



171417 Angle Bracket
Mount hole 1 45 mm, Mount. hole 2 85 mm
Long.



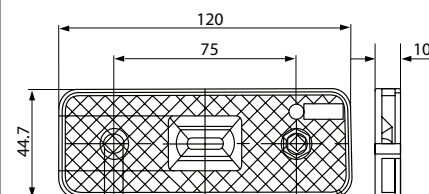
171419 Angle Bracket
Mount hole 1 45 mm, Mount. hole 2 85 mm
Short.

w/LED

Accessories



171639 Angle Bracket
Servicing: Cargo 171636, 171637, 171638



171836 Lens
Servicing: Cargo 171835
Dim. 120x44.7x10 mm, Shape Square,
E-approval Yes



Pkg. 10

193119 Junior Power Timer Connector
Servicing: Cargo 171835, 171836
Type/terminal Junior Power Timer,
Colour Black, **No./poles** 2, **Plug** Female
Terminal: Cargo 192175, 192176, 192177,
 192178, 192179.

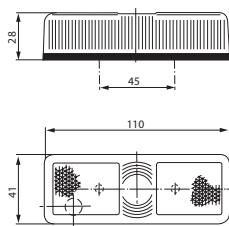
Position Lamps



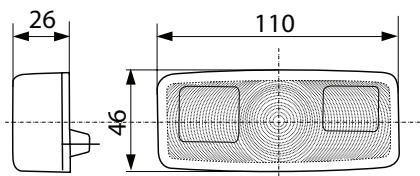
Pkg. 2

170875 Position Lamp
 12/24 V, 5 W, **Dim.** 160x59x45 mm,
Dist. mount. holes 57 mm,
Mount. 2 screws, **Colour/glass** White,
Material Plastic, **Fixing screw** 2,
Connection Screw,

Pkg. 2

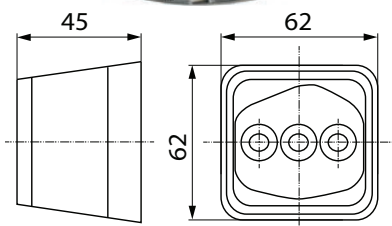


170881 Position Lamp
 5 W, **Dim.** 110x41x28 mm,
Dist. mount. holes 45 mm,
Socket type S8.5, **Colour/glass** White,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection,
Sidemarkers lamp w/, **Tail light** w/,
Reflector w/, **E-approval** Yes
Lens: Cargo 170976.



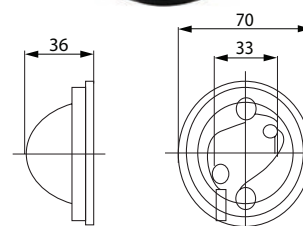
170887 Position Lamp
 5 W, **Dim.** 110x46x26 mm,
Dist. mount. holes 85 mm,
Socket type T10, **Colour/glass** White,
Material Shockproof plastic,
Fixing screw 2, **Shape** Rectangular,
Connection Connection,
Sidemarkers lamp w/, **Tail light** w/,
Reflector w/, **E-approval** Yes
Lens: Cargo 170952.

Pkg. 6



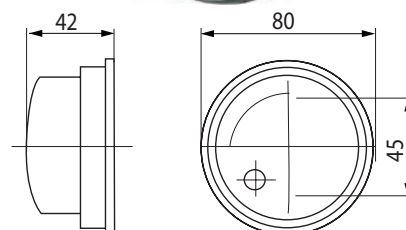
171171 Position Lamp
 5 W, **Dim.** 62x62x45 mm,
Dist. mount. holes 30 mm,
Socket type S8.5, **Colour** Black,
Colour/glass Clear, **Material** Shockproof
 plastic, **Fixing screw** 2,
Connection Connection, **E-approval** Yes
Lens: Cargo 171238.

Pkg. 8

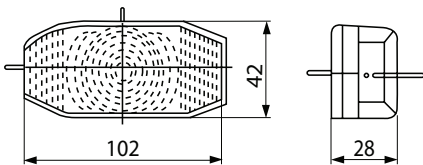


171179 Position Lamp
 5 W, **Dim.** 70x36 mm,
Dist. mount. holes 33 mm,
Mount. 2 screws, **Type** Position lamp,
Socket type S8.5, **Colour/glass** White,
Material Steel, **Fixing screw** 2,
Shape Circular, **Connection** Screw,
E-approval Yes

Pkg. 6



171182 Position Lamp
 5 W, **Dim.** 80x42 mm,
Dist. mount. holes 45 mm,
Mount. 2 screws, **Type** Position lamp,
Socket type S8.5, **Colour/glass** White,
Material Shockproof plastic,
Fixing screw 2, **Shape** Circular,
Connection Connection, **E-approval** Yes

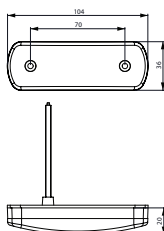


171332 Position Lamp
5 W, Dim. 102x42x28 mm,
Dist. mount. holes 65 mm,
Mount. 2 screws, Socket type S8.5,
Colour Black, Colour/glass White,
Material Plastic, Fixing screw 2,
Connection Connection, E-approval Yes

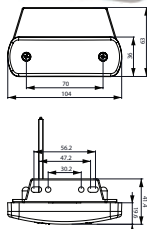


171493 Position Lamp
Dim. 74x45x22.5 mm,
Dist. mount. holes 52 mm,
Mount. 2 screws, Colour Black,
Colour/glass White, Material Plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection, Reflector w/,
E-approval Yes

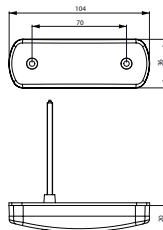
w/LED



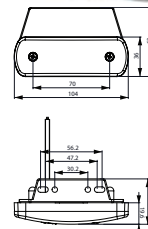
171583 LED Position Lamp
12 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2, LEDs w/,
No./LEDs 1, Sidemarker w/,
Reflector w/, E-approval Yes



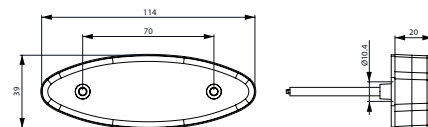
171584 LED Position Lamp
12 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2, LEDs w/,
No./LEDs 1, Sidemarker w/,
Bracket Angled, Reflector w/,
E-approval Yes



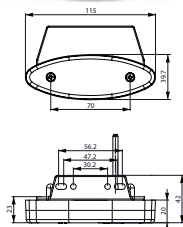
171603 LED Position Lamp
24 V, Dim. 104x36x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2,
Shape Rectangular, LEDs w/,
No./LEDs 1, Sidemarker w/,
Reflector w/, E-approval Yes



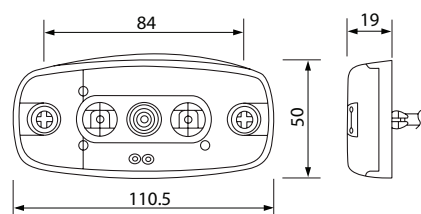
171604 LED Position Lamp
24 V, Dim. 104x36x19.6 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2,
Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker w/,
Bracket Angled, Reflector w/,
E-approval Yes



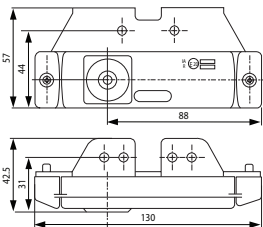
171609 LED Position Lamp
24 V, Dim. 114x39x20 mm,
Dist. mount. holes 70 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2,
Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker w/,
Reflector w/, E-approval Yes



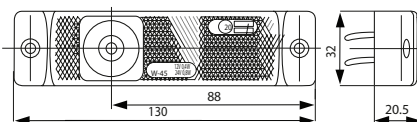
171610 LED Position Lamp
24 V, Dim. 115x39.7x20 mm,
Dist. mount. holes 52 mm,
Cable length 500 mm, Type LED,
Colour/glass White, Material Shockproof
plastic, Fixing screw 2,
Shape Oval, Connection Cable,
LEDs w/, No./LEDs 1, Sidemarker w/,
Bracket Angled, Reflector w/,
E-approval Yes



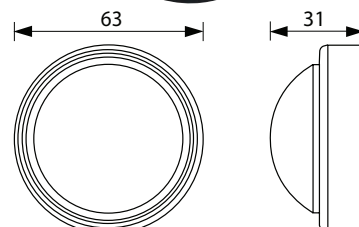
171638 LED Position Lamp
9-36 V, 0.9 W,
Dist. mount. holes 83 mm, Type LED,
Colour/glass White, LEDs w/,
No./LEDs 3, Sidemarker w/,
Reflector w/, Approvals ADR,
E-approval Yes



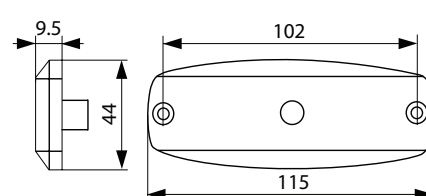
171717 LED Position Lamp
12/24 V, Dim. 130x57x42.5 mm,
Type LED, Socket type LED,
Colour/glass White, Material Shockproof
plastic, Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker w/,
Bracket Angled, Reflector w/,
E-approval Yes



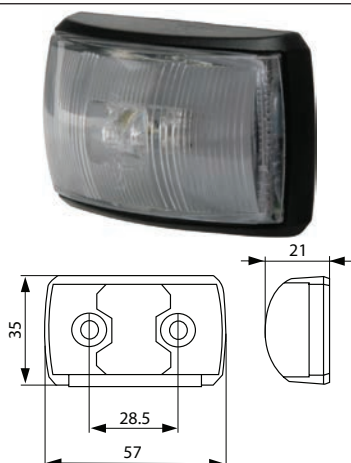
171718 LED Position Lamp
12/24 V, Dim. 130x32x20.5 mm,
Type LED, Socket type LED,
Colour/glass White, Material Shockproof
plastic, Connection Cable, LEDs w/,
No./LEDs 1, Sidemarker w/,
Reflector w/, E-approval Yes



171744 LED Position Lamp
9-36 V, Dim. 63x31 mm, OD 63 mm,
Dist. mount. holes 30 mm,
Mount. 2 screws, Cable length 300 mm,
Type LED, Colour Black,
Colour/glass Clear, Material PVC,
Material/dome PMMA, Shape Round,
Connection Cable, LEDs w/,
No./LEDs 3, Sidemarker w/,
Approvals ADR/SAE, E-approval Yes



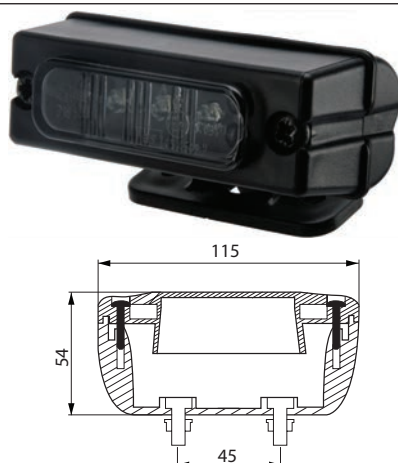
171841 LED Position Lamp
12/24 V, 0.45-1.6 W, -
Dim. 115x44x9.5 mm,
Dist. mount. holes 102 mm,
Mount. 2 screws, Cable length 5000 mm,
Type LED, Colour White,
Colour/glass White,
Material Polycarbonat,
Material/dome Polycarbonat,
Shape Rectangular, Connection Cable,
LEDs w/, No./LEDs 3, Sidemarker w/,
Reflector w/, Tightness norm IP 67,
Approvals SAE, E-approval Yes



171844 LED Position Lamp
12/24 V, Dim. 57x35x21 mm,
Dist. mount. holes 28 mm,
Mount. 2 screws, Cable length 400 mm,
Type LED, Colour Black,
Colour/glass White, Fixing screw 2,
Shape Rectangular, Connection Cable,
LEDs w/, No./LEDs 2, Sidemarker w/,
Tightness norm IP 67, E-approval Yes



171862 LED Position Lamp
12/24 V, 0.3-0.6 W, Dim. 72x26x24 mm,
Cable length 5000 mm, Type LED,
Colour Black, Colour/glass White,
Material PP, Material/dome PMMA,
Shape Rectangular, LEDs w/,
No./LEDs 3, Sidemarker lamp w/,
Approvals CE, E-approval Yes



171868 LED Position Lamp
12/24 V, 0.3-0.6 W,
Cable length 5000 mm, Type LED,
Colour Black, Colour/glass White,
Material PP, Material/dome PMMA,
Shape Rectangular, LEDs w/,
No./LEDs 3, Sidemarker lamp w/,
Bracket Adjustable, Approvals CE,
E-approval Yes

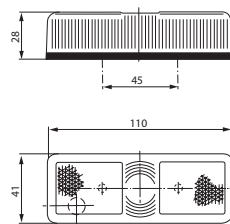
Spare Parts



170952 Lens
Servicing: Cargo 170887



170976 Lens
Servicing: Cargo 170881
Dim. 110x41x28 mm, Shape Rectangular



171242 Lens
Servicing: Cargo 171174
Dim. 62x62x46 mm, Shape Square

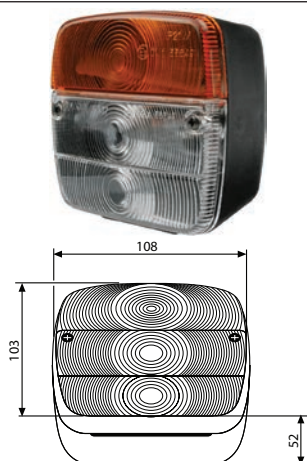
Flasher-Position Lamps



170925 Flasher/Position Lamp
21 W 1, 5 W 2, Dim. 84x50 mm,
Dist. mount. holes 45 mm,
Socket type 1 BA15S, Socket type 2 S8.5,
Material Shockproof plastic, Fixing screw 2,
Shape Square, Connection Connection,
RH/LH, E-approval Yes



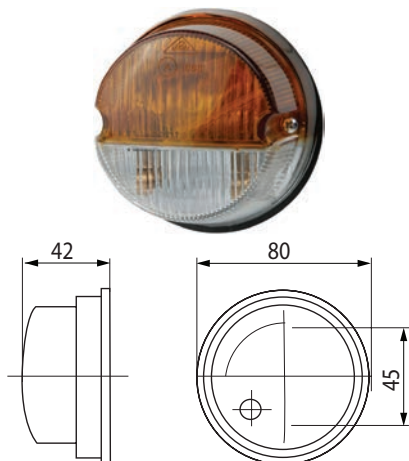
170927 Flasher/Position Lamp
21 W 1, 5 W 2, Dim. 114x76 mm,
Dist. mount. holes 58 mm,
Socket type 1 BA15S, Socket type 2 BA15S,
Material Shockproof plastic, Fixing screw 2,
Shape Rectangular, Connection Connection,
RH/LH, E-approval Yes
Lens: Cargo 170989.

**170941** Flasher/Position Lamp

Servicing: Cargo 170828

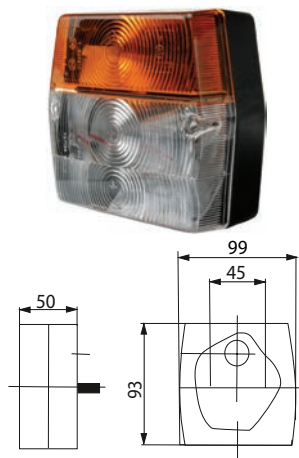
21 W 1, 5 W 2, Dim. 108x103x52 mm,
Dist. mount. holes 45/55 mm,
Socket type 1 BA15S,
Socket type 2 S8.5, Fixing screw 2,
Shape Rectangular,
Connection Connection, Sidemarker w/,
Flasher light w/, E-approval Yes
Lens: Cargo 170834.

Pkg. 6

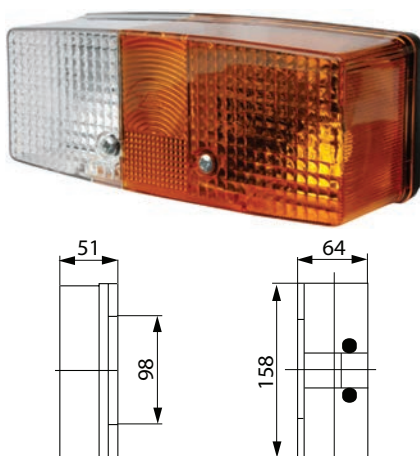
**171215** Flasher/Position Lamp

18 W 1, 10 W 2, Dim. 80x42 mm,
Dist. mount. holes 45 mm,
Socket type 1 S8.5, Socket type 2 S8.5,
Colour/glass White/orange,
Material Metal, Fixing screw 2,
Shape Circular, Connection Connection,
RH/LH

Lens: Cargo 171248.

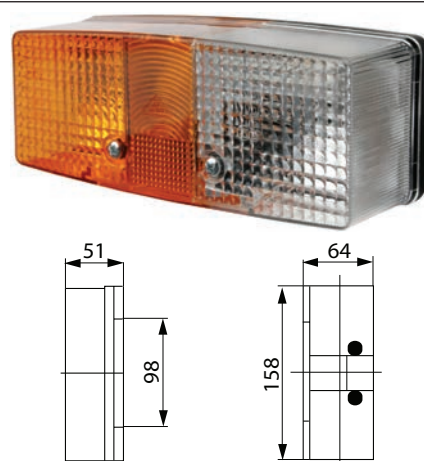
**171216** Flasher/Position Lamp

21 W 1, 5 W 2, Dim. 93x99x50 mm,
Dist. mount. holes 45 mm,
Socket type 1 BA15S,
Socket type 2 S8.5, Material Shockproof
plastic, Fixing screw 2, Shape Hexagon,
Connection Connection, LEDs w/o,
Bulb incl. No, RH/LH, E-approval Yes

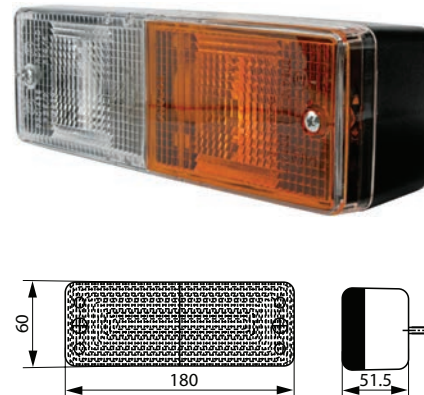
**171217** Flasher/Position Lamp

21 W 1, 5 W 2, Dim. 158x64x51 mm,
Dist. mount. holes 98/45 mm,
Mount. 4 holes, Socket type 1 BA15S,
Socket type 2 BA15S,
Material Shockproof plastic,
Shape Rectangular,
Connection Connection, LH,
E-approval Yes
Lens: Cargo 171260.

Pkg. 2

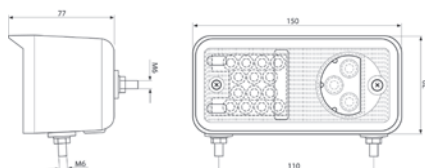
**171218** Flasher/Position Lamp

21 W 1, 5 W 2, Dim. 158x64x51 mm,
Dist. mount. holes 98/45 mm,
Mount. 4 holes, Socket type 1 BA15S,
Socket type 2 BA15S,
Material Shockproof plastic,
Shape Rectangular,
Connection Connection, RH,
E-approval Yes

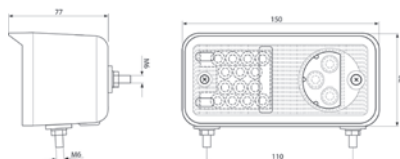
**171510** Flasher/Position Lamp

21 W 1, 5 W 2, Dim. 180x60x51.5 mm,
Dist. mount. holes 134 mm,
Socket type 1 BA15S,
Socket type 2 BA15S,
Colour/glass White/orange,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection, RH/LH,
E-approval Yes
Lens: Cargo 171510.

w/LED



171800 LED Flasher/Positions Lamp LH
12/24 V, Dim. 150x70x77 mm,
Dist. mount. holes 110/55 mm,
Mount. Upright/pendant,
Cable length 2100 mm, Colour Black,
Colour/glass Transparent/orange,
Material Shockproof plastic,
Shape Rectangular, Connection Connection,
LEDs w/, No./LEDs 14/3,
Flasher light w/, LH, E-approval Yes



171801 LED Flasher/Positions Lamp RH
12/24 V, Dim. 150x70x77 mm,
Dist. mount. holes 110/55 mm,
Mount. Upright/pendant,
Cable length 2100 mm, Colour Black,
Colour/glass Transparent/orange,
Material Shockproof plastic,
Shape Rectangular, Connection Connection,
LEDs w/, No./LEDs 14/3,
Flasher light w/, RH, E-approval Yes

Spare Parts

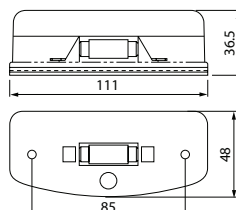
Pkg. 5



170989 Lens
Servicing: Cargo 170927
Shape Rectangular

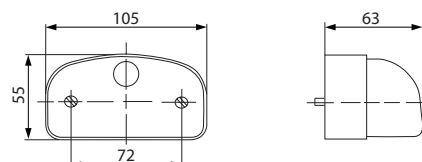
Tail Lights

Numberplate Lamps



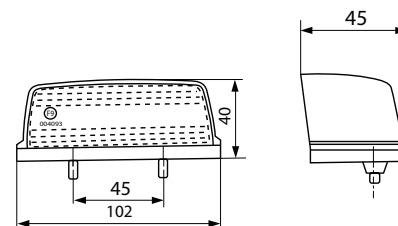
170002 Number Plate Lamp
Servicing: Universal
12/24 V, 5 W, 5 W 1, Dim. 111x36.5x48 mm,
Socket type S8.5, Colour Black,
Shape Rectangular, Approvals CE

Pkg. 4



170936 Number Plate Lamp
5 W, Dim. 105x55x63 mm,
Dist. mount. holes 72 mm,
Type Illumination of numberplate,
Socket type S8.5, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Connection Screw,
Numberplate light w/, E-approval Yes

Pkg. 8



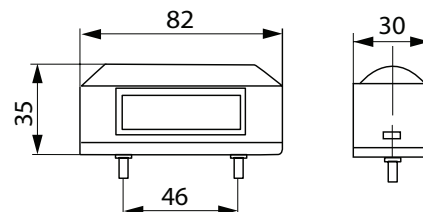
171045 Number Plate Lamp
5 W, Dim. 102x40x45 mm,
Dist. mount. holes 45 mm,
Type Illumination of numberplate,
Socket type S8.5, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Connection, E-approval Yes

Pkg. 2

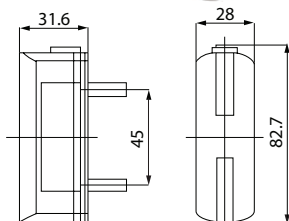


171164 Number Plate Lamp
Servicing: Ford, Universal
5 W, Type Illumination of numberplate,
Socket type T10, E-approval Yes

Pkg. 2

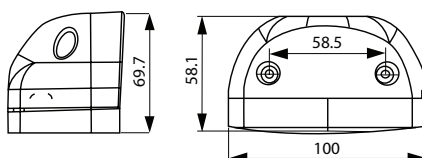


171166 Number Plate Lamp
12/24 V, 5 W, 5 W 1,
Dim. 82x35x30 mm,
Dist. mount. holes 45 mm,
Type Illumination of numberplate,
Socket type S8.5, Colour Black,
Fixing screw 2, Connection Screw,
Numberplate light w/, E-approval Yes
Universal.



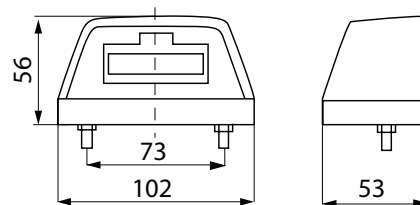
171224 Number Plate Lamp
12/24 V, 5 W, 5 W 1,
Dim. 82.7x28x31.6 mm,
Dist. mount. holes 45 mm,
Type Illumination of numberplate,
Socket type S8.5, Colour Black,
Material Shockproof plastic,
Fixing screw 2, Shape Rectangular,
Connection Screw, E-approval Yes

Pkg. 6

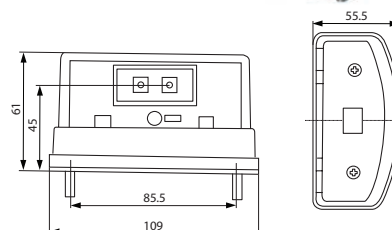


171345 Number Plate Lamp
5 W, Dim. 100x58.1x69.7 mm,
Dist. mount. holes 71.5 mm,
Type Illumination of numberplate,
Socket type S8.5, Colour Black,
Material Plastic, Fixing screw 2,
Connection Screw, E-approval Yes

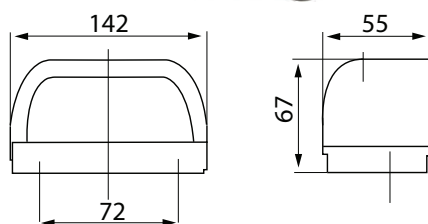
Pkg. 2



171624 LED Numberplate Lamp
24 V, Dim. 102x56x53 mm,
Dist. mount. holes 72 mm, Type LED,
Colour Black, Colour/glass Red,
Shape Rectangular, LEDs w/,
Numberplate light w/, E-approval Yes

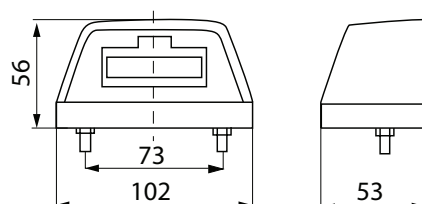


171709 LED Numberplate Lamp
12/24 V, Dim. 109x61x55.5 mm,
Type LED, Socket type LED, Colour Red,
Material Shockproof plastic, Fixing screw 2,
Numberplate light w/, E-approval Yes

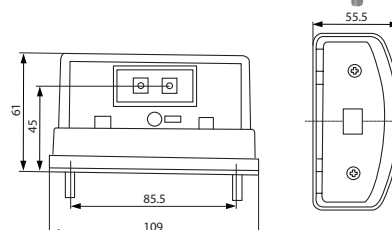


171225 Number Plate Lamp
12/24 V, 10 W, 10 W 1,
Dim. 142x67x55 mm,
Dist. mount. holes 72 mm,
Type Illumination of numberplate,
Socket type BA15S, Material Shockproof
plastic, Fixing screw 2,
Connection Connection, E-approval Yes

Pkg. 4

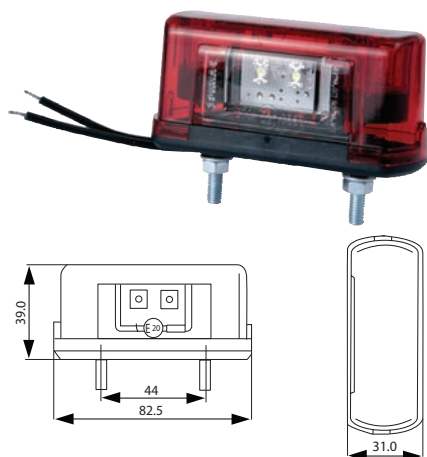


171622 LED Numberplate Lamp
24 V, Dim. 102x56x53 mm,
Dist. mount. holes 72 mm, Type LED,
Colour Black, Colour/glass White,
LEDs w/, Numberplate light w/,
E-approval Yes

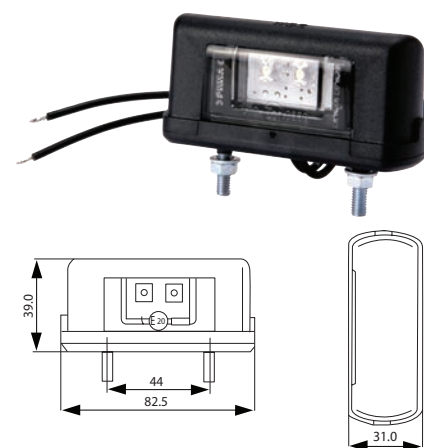


171714 LED Numberplate Lamp
12/24 V, Dim. 109x61x55.5 mm,
Type LED, Socket type LED,
Colour Black, Material Shockproof plastic,
Numberplate light w/

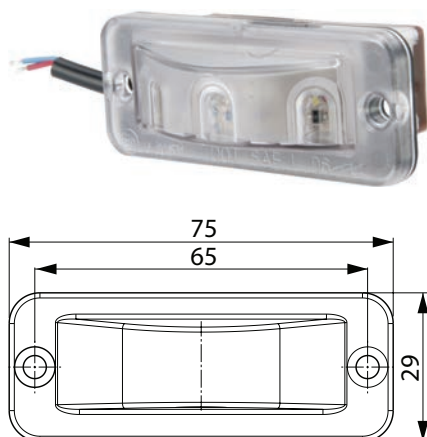
w/LED



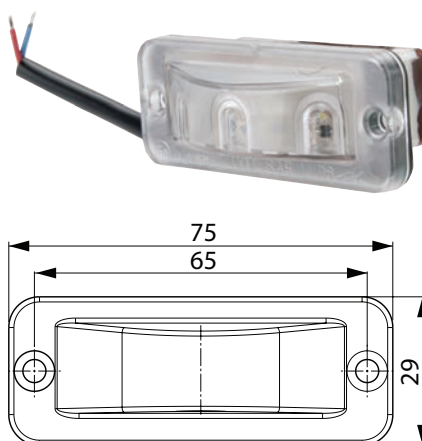
171715 LED Numberplate Lamp
12/24 V, Dim. 82.5x39x31 mm,
Type LED, Socket type LED,
Colour/glass Red, Material Shockproof
plastic, Fixing screw 2,
Numberplate light w/, E-approval Yes



171716 LED Numberplate Lamp
12/24 V, Dim. 82.5x39x31 mm,
Type LED, Socket type LED,
Colour Black, Fixing screw 2,
Numberplate light w/, E-approval Yes



171737 LED Numberplate Lamp
12 V, Dim. 75x29x34 mm,
Dist. mount. holes 65 mm, Mount. 2 screws,
Cable length 300 mm, Type LED,
Connection Cable, LEDs w/, No./LEDs 3,
Numberplate light w/, E-approval Yes



171738 LED Numberplate Lamp
24 V, Dim. 75x29x34 mm,
Dist. mount. holes 65 mm,
Mount. 2 screws, Cable length 300 mm,
Type LED, Connection Cable, LEDs w/,
No./LEDs 3, Numberplate light w/



171824 LED Number plate Lamp
12/24 V, 0.5-1.1 W, -
Dim. 100x58.5x55.8 mm,
Dist. mount. holes 72 mm,
Cable length 1000 mm, Type LED,
Colour Black, Colour/glass White,
Material Plastic, Fixing screw 2,
LEDs w/, Numberplate light w/,
E-approval Yes

Interior Lamps

Flourescent Lamps

Spare Parts

Pkg. 25



170664 Fluorescent Tube
Servicing: Cargo 170035, 170036, 171393,
200181
8 W, Length 300 mm

Pkg. 10



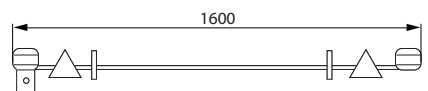
171397 Fluorescent Tube
Servicing: Cargo 170032, 170033, 171396
13 W, Length 530 mm

Tail Lights

Trailer Lighting Sets



170809 Trailer Lighting Set
12 V, Dim. 1600 mm,
Cable length 7500 mm,
Material Galvanised steel,
Connection Cable, No./lamps 2,
No./reflectors 2, Flasher light w/,
Stop light w/, Numberplate holder w/,
Bulb incl. Yes
Light construction. 7-pole plug.

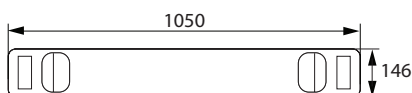




170818 Trailer Lighting Set
12 V, Mount. Magnetic,
Cable length 4000/12000 mm,
Connection Cable, No./lamps 2,
Sidemarker lamp w/, Tail light w/,
Stop light w/, Bulb incl. Yes
7-pole plug. Magnet w/ metal bracket:
Cargo 170942.



170828 Front/rear lighting set
12 V, Mount. Magnetic,
Cable length 4500/7500 mm,
Connection Cable, No./lamps 2,
Sidemarker w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. Yes
7-pole plug. Tail-stop-flash lamp: Cargo
170939. Flash-position lamp: Cargo 170941.
Magnet w/ metal bracket: Cargo 170942.



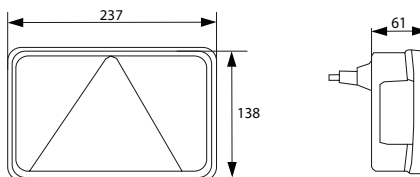
170829 Number Plate Holder
12 V, Dim. 1050x146 mm,
Cable length 1500 mm,
Numberplate holder w/, Bulb incl. Yes,
Reflector w/, Straps incl. Yes
7-pole plug.



170835 Trailer Lighting Set
12 V, Dim. 1400-2100 mm,
Cable length 1200 mm,
Width/adjustable w/,
Material Galvanised steel, No./lamps 2,
No./reflectors 2, Flasher light w/,
Tail light w/, Stop light w/,
Numberplate holder w/, Bulb incl. Yes
Light construction. 7-pole plug.

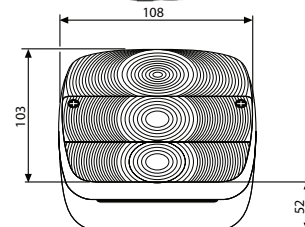


171049 Trailer Lighting Set
12 V, Dim. 1000-1600 mm,
Cable length 7500 mm,
Width/adjustable w/,
Material Galvanised steel,
Connection Connection, No./lamps 2,
No./reflectors 2, Flasher light w/,
Tail light w/, Stop light w/,
Numberplate holder w/, Bulb incl. Yes
Light construction. 7-pole plug.

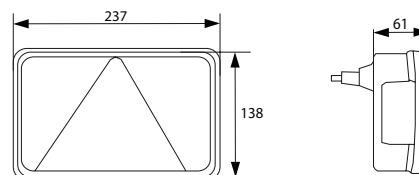


171818 Trailer lighting set
12 V, Dim. 237x138x61 mm,
Cable length 2x5000 mm,
Shape Rectangular, Connection Multiplug,
No./lamps 2, Numberplate light w/,
Rear/fog lamp w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. Yes, E-approval Yes
Lens: Cargo 171833, 171834. Lamp: Cargo
171870, 171871.

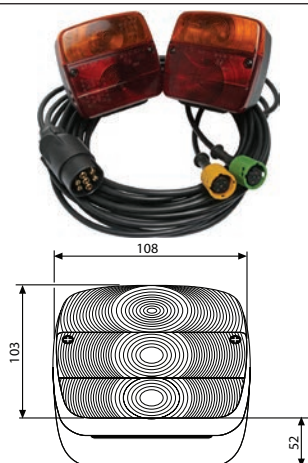
Pkg. 2



171821 Trailer lighting set
12 V, Cable length 2x5000 mm,
Shape Square, Connection Multiplug,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. Yes, E-approval Yes
Multi connector: Cargo 171372, 171373.
Lens: Cargo 170833.



171872 Trailer lighting set
12 V, Dim. 237x138x61 mm,
Cable length 2x7500 mm,
Shape Rectangular, Connection Multiplug,
No./lamps 2, Numberplate light w/,
Rear/fog lamp w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. Yes, E-approval Yes
Lens: Cargo 171833, 171834. Lamp: Cargo
171870, 171871.



171873 Trailer lighting set
12 V, Cable length 2x7500 mm,
Shape Square, Connection Multiplug,
Numberplate light w/, Flasher light w/,
Tail light w/, Stop light w/,
Bulb incl. Yes, E-approval Yes
Multi connector: Cargo 171372, 171373.
Lens: Cargo 170833.

Spare Parts



170834 Lens, Rear Lamp
Servicing: Cargo 170941
Dim. 108x103x52 mm, Fixing screw 2,
Shape Rectangular, Sidemarker w/,
Flasher light w/

Pkg. 2



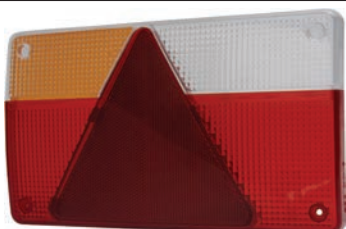
170942 Magnet
Servicing: Cargo 170818, 170828
OD 76 mm
For camera.



171795 Rubber Protection
Servicing: Cargo 170942
ID 76 mm, Rubber w/



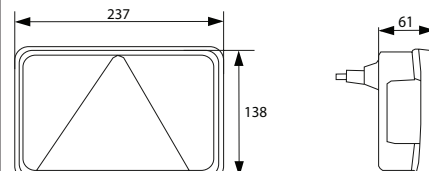
171833 Lens, Rear Lamp
Servicing: Cargo 171818, 171871, 171872
Dim. 237x138x19 mm,
Material Shockproof plastic,
Shape Rectangular,
Numberplate light w/,
Rear/fog lamp w/, Sidemarker w/,
Flasher light w/, Stop light w/, RH,
E-approval Yes



171834 Lens, Rear Lamp
Servicing: Cargo 171818, 171870, 171872
Dim. 237x138x19 mm,
Material Shockproof plastic,
Numberplate light w/,
Rear/fog lamp w/, Sidemarker w/,
Flasher light w/, Stop light w/, LH,
E-approval Yes

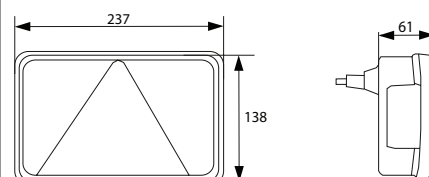


Pkg. 2



171870 Multi Function Lamp
Servicing: Cargo 171818, 171872
12 V, Dim. 237x138x61 mm,
Shape Rectangular,
Numberplate light w/,
Rear/fog lamp w/, Sidemarker w/,
Flasher light w/, Stop light w/,
Bulb incl. Yes, LH, E-approval Yes
Multi connector: Cargo 171372, 171373.
Lens: Cargo 171833.

Pkg. 2



171871 Multi Function Lamp
Servicing: Cargo 171818, 171872
12 V, Dim. 237x138x61 mm,
Shape Rectangular,
Numberplate light w/,
Rear/fog lamp w/, Sidemarker w/,
Flasher light w/, Stop light w/,
Bulb incl. Yes, RH, E-approval Yes
Multi connector: Cargo 171372, 171373.
Lens: Cargo 171833.

Reflectors

Pkg. 10

**170142** Reflector

OD 60 mm, **Colour** Red, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes w/ 5 mm bolt.

Pkg. 10

**170143** Reflector

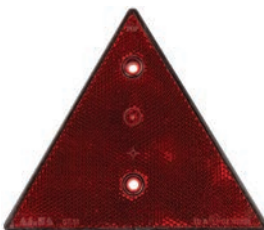
OD 83 mm, **Colour** Red, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes w/ 5 mm bolt.

Pkg. 2

**170144** Reflector

Dim. 160x160x160 mm, **Dist. mount. holes** 85 mm, **Mount.** 2 screws, **Colour** Red, **Material** Plastic, **Shape** Triangle, **Approvals** III A approval, **E-approval** Yes

Pkg. 10

**170163** Reflector

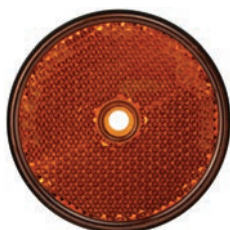
Dim. 155x135 mm, **Dist. mount. holes** 70 mm, **Mount.** 2 holes, **Colour** Red, **Material** Plastic, **Shape** Triangle, **Approvals** III A approval, **E-approval** Yes

Pkg. 10

**170165** Reflector

OD 60 mm, **Hole size** 4 mm, **Colour** Red, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10

**170169** Reflector

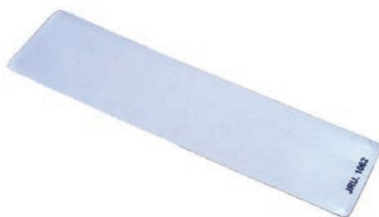
OD 60 mm, **Hole size** 4 mm, **Colour** Orange, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10

**170170** Reflector

OD 60 mm, **Hole size** 4 mm, **Colour** White, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 50

**170212** Reflector

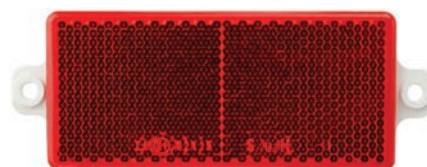
Dim. 50x200 mm, **Mount.** Self adhesive, **Colour** White, **Approvals** JRU, **E-approval** No
Only approved in DK.

Pkg. 50

**170213** Reflector

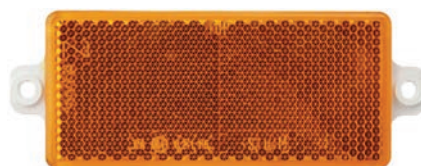
Dim. 50x200 mm, **Mount.** Self adhesive, **Colour** Yellow, **Approvals** JRU, **E-approval** No
Only approved in DK.

Pkg. 10

**170623** Reflector

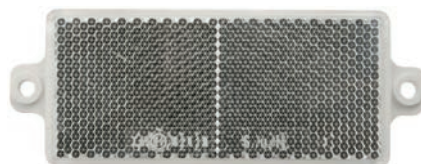
Dim. 95x44 mm, **Dist. mount. holes** 105 mm, **Mount.** 2 holes, **Colour** Red, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

Pkg. 10

**170624** Reflector

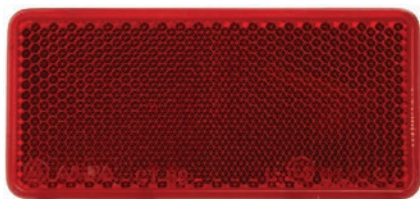
Dim. 95x44 mm, **Dist. mount. holes** 105 mm, **Mount.** 2 holes, **Colour** Orange, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

Pkg. 10

**170625** Reflector

Dim. 95x44 mm, **Dist. mount. holes** 105 mm, **Mount.** 2 holes, **Colour** White, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

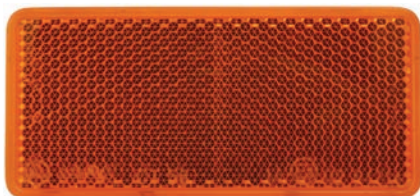
Pkg. 10



170626 Reflector

Dim. 95x44 mm, **Mount.** Self adhesive, **Colour** Red, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

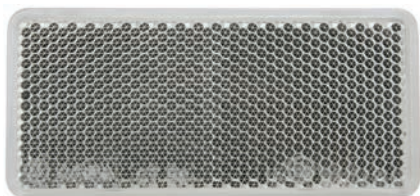
Pkg. 10



170627 Reflector

Dim. 95x44 mm, **Mount.** Self adhesive, **Colour** Orange, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



170628 Reflector

Dim. 95x44 mm, **Mount.** Self adhesive, **Colour** White, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

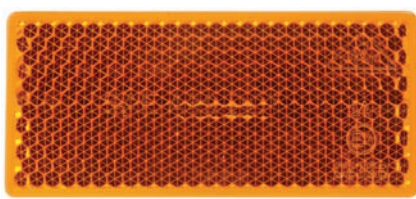
Pkg. 10



170629 Reflector

Dim. 69x31.5 mm, **Mount.** Self adhesive, **Colour** Red, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

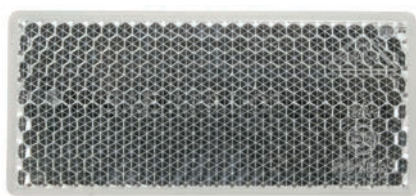
Pkg. 10



170630 Reflector

Dim. 69x31.5 mm, **Mount.** Self adhesive, **Colour** Orange, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



170631 Reflector

Dim. 69x31.5 mm, **Mount.** Self adhesive, **Colour** White, **Material** Plastic, **Shape** Rectangular, **Approvals** I A approval, **E-approval** Yes

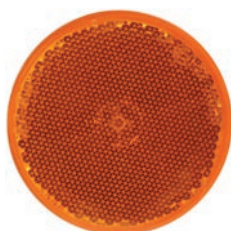
Pkg. 10



170675 Reflector

OD 60 mm, **Mount.** Self adhesive, **Colour** Red, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

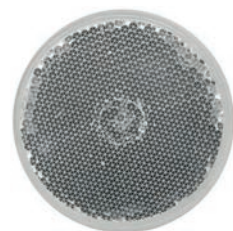
Pkg. 10



170676 Reflector

OD 60 mm, **Mount.** Self adhesive, **Colour** Orange, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



170677 Reflector

OD 60 mm, **Mount.** Self adhesive, **Colour** White, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



170729 Reflector

OD 83 mm, **Mount.** 1 hole, **Hole size** 4 mm, **Colour** Red, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



170730 Reflector

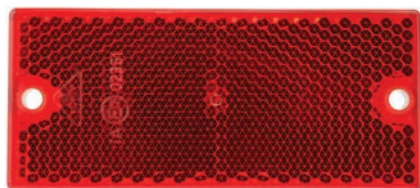
OD 83 mm, **Mount.** 1 hole, **Hole size** 4 mm, **Colour** White, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

Pkg. 10



171048 Reflector

OD 83 mm, **Mount.** 1 hole, **Hole size** 4 mm, **Colour** Orange, **Material** Plastic, **Shape** Round, **Approvals** I A approval, **E-approval** Yes

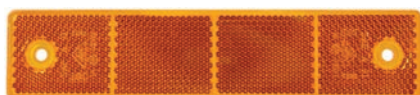


Pkg. 10

171228 Reflector

Dim. 90x40 mm,
Dist. mount. holes 79 mm, **Mount.** 2
holes, **Colour** Red, **Material** Plastic,
Shape Rectangular, **Approvals** I A
approval, **E-approval** Yes

Pkg. 10

**171233** Reflector

Dim. 180x40 mm,
Dist. mount. holes 150 mm, **Mount.** 2
holes, **Colour** Orange, **Material** Plastic,
Shape Rectangular, **Approvals** I A
approval, **E-approval** Yes

Accessories

Pkg. 10

**171536** Bracket

ID 60 mm, **Mounting holes** 1 (0)

Warning Triangles

**170171** Warning Triangle

Shape Triangle, **E-approval** Yes
*Break down warning triangle. Supplied in
plastic carrying box.*

Container Marking

Pkg. 10

**171895** Skipmarking

Dim. 100x400 mm, **Colour** White/red,
Material Film, **Shape** Rectangular,
Approvals No Homogation required
Self-adhesive. Left. Class 2.

Pkg. 10

**171896** Skipmarking

Dim. 100x400 mm, **Colour** White/red,
Material Film, **Shape** Rectangular,
Approvals No Homogation required
Self-adhesive. Right. Class 2.

Pkg. 10

**171897** Skipmarking

Dim. 200x400 mm, **Colour** White/red,
Material Film, **Shape** Rectangular,
Approvals No Homogation required
Self-adhesive kit. Class 2.

Triangles

Pkg. 25

**170390** Reflector Triangle

Dim. 350-365 mm,
Dist. mount. holes 153 mm, **Hole size** 7 mm,
Colour Red, **Material** Aluminium,
Shape Triangle, **E-approval** Yes
*Red: high intensive foil. Class A. Red:
fluorescent foil. w/o bracket.*

Pkg. 10

**170759** Reflector Triangle

Dist. mount. holes 153 mm,
Hole size 6 mm, **Colour** Red,
Material Shock thermo plastic,
Shape Triangle, **E-approval** Yes
*Red: high intensive foil. Class A. Red:
fluorescent foil. w/o bracket.*

Accessories

Pkg. 10

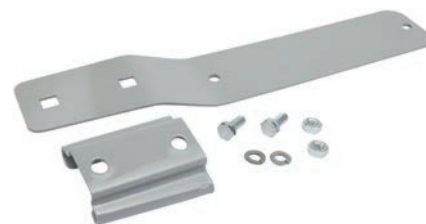
**170391** Mounting Bracket

Servicing: Cargo 170390, 170759
Male.

Pkg. 10

**170392** Mounting Bracket

Servicing: Cargo 170390, 170759
Female.

**170393** Mounting Bracket Kit

Servicing: Cargo 170390, 170759
*w/ male and female brackets, bolts and
nuts.*



Pkg. 10

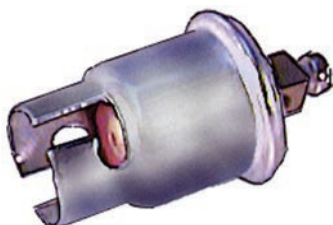
170797 Mounting Bracket
Servicing: Cargo 170390, 170759
Angled.

Bulb Holders



Pkg. 10

170135 Bulb Holder
Socket type BAY15d, **Connection** Screw M5



Pkg. 10

170136 Bulb Holder
Socket type BA9s, **Connection** Screw M5



Pkg. 10

170137 Bulb Holder
Socket type BA7s, **Connection** Screw M5



Pkg. 10

170138 Bulb Holder
Socket type BA15S, **Connection** Screw M5



Pkg. 10

170139 Bulb Holder
Socket type S8.5, **Connection** Screw M5,
 33-36 mm. Festoon type.



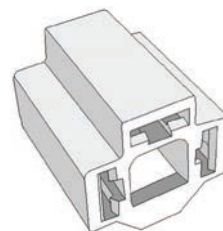
Pkg. 10

170433 Bulb Holder
Servicing: H4
Socket type P43t, **Connection** Terminal
*Also for bulbs that fit socket P45t. Used w/
 sealed beams.*



Pkg. 10

170596 Bulb Holder
Socket type BA15d, **Connection** Screw M5



Pkg. 10

170619 Bulb Holder
Servicing: H4
Socket type P45t, **Connection** Plug
*Also for bulbs that fit socket P43t. Used w/
 sealed beams.*



Pkg. 2

170763 Bulb Holder
Servicing: VW Golf, Vento, Polo, Passat,
 Seat Ibiza, Toledo
Socket type T10, **Connection** Multiplug



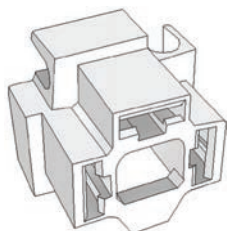
Pkg. 10

170790 Bulb Holder
Socket type BA9s, **Connection** Terminal
2x terminal connection.



Pkg. 10

170791 Bulb Holder
Socket type BA15S, **Connection** Screw M5
2x screw connection.



Pkg. 10

170799 Bulb Holder**Servicing:** Cargo 191938**Socket type** P43t, **Connection** Plug
Also for bulbs that fit socket P45t. Used w/ sealed beams. Angled type.

Pkg. 10

170827 Bulb Holder**Socket type** T10, **Connection** Terminal
2x terminal connection.

Pkg. 10

170964 Bulb Holder**Servicing:** H4**Socket type** P43t+P45t,
Connection Cable
Also for bulbs that fit socket P45. Used w/ sealed beams. w/ snap-lock action for cable connection.

Pkg. 10

171426 Bulb Holder**Socket type** HB3, H10, H12,
Connection Cable
w/ wire.

Pkg. 10

171427 Bulb Holder**Socket type** HB4, **Connection** Cable
w/ wire.

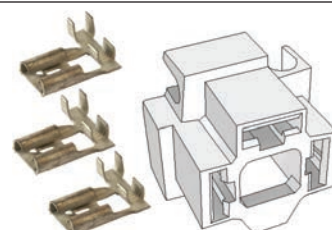
Pkg. 10

171453 Bulb Holder**Socket type** PX26d, **Connection** Cable
H7.**171783** Bulb Holder**Socket type** HB1, HB5,
Connection Cable

Pkg. 10

171784 Bulb Holder**Socket type** H8, H9, H11,
Connection Cable**171924** Bulb Holder**Socket type** P14.5s, PK22s, PKY22s,
Connection Cable
H1/H3. 2 way.**171925** Bulb Holder**Socket type** P14.5s, PK22s, PKY22s,
Connection Cable
H1/H3. 1 way.

Set

**171281** Bulb Holder Set**Servicing:** H4**Socket type** P43t, **Connection** Plug
Contains: 1 pcs. Cargo 170619. 3 pcs. Cargo 191200.**171282** Bulb Holder Set**Servicing:** H4**Socket type** P43t, **Connection** Plug
Contains: 1 pcs. Cargo 170799. 3 pcs. Cargo 191938.

H1 Halogen

	Item no.	Volt	Watt		Colour	Dim.	Comment
 P14.5s	170069	12 V	55 W	Halogen		62.5x8.5 Pkg. 10	
	171070	12 V	55 W	Halogen		62.5x8.5 Pkg. 10	Gives up to 30% more light.
	171071	12 V	55 W	Halogen	Xenon blue	62.5x8.5 Pkg. 10	
	171136	12 V	55 W	Halogen		62.5x8.5 Pkg. 10	Gives up to 50% more light.
	171068	12 V	100 W	Halogen		62.5x8.5 Pkg. 10	
	171404	12 V	130 W	Halogen		59.8x9.7 Pkg. 10	
	171072	24 V	70 W	Halogen		62.5x8.5 Pkg. 10	

Jahn

	Item no.	Volt	Watt		Colour	Dim.	Comment
 P14.5s	170332	12 V	55 W	Halogen		62.5x8.5 Pkg. 10	
	170823	12 V	55 W	Halogen	Xenon blue	62.5x8.5 Pkg. 10	
	170965	12 V	55 W	Halogen	Megalight	62.5x8.5 Pkg. 10	Gives up to 30% more light.
	170493	12 V	100 W	Halogen		62.5x8.5 Pkg. 10	
	170449	24 V	70 W	Halogen		62.5x8.5 Pkg. 10	
	170494	24 V	100 W	Halogen		62.5x8.5 Pkg. 10	

OSRAM

	Item no.	Volt	Watt		Colour	Dim.	Comment
 P14.5s	171686	12 V	55 W	Halogen	Nightbreaker	59.8x9.7 Pkg. 10	Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.

H2 Halogen

	Item no.	Volt	Watt		Colour	Dim.	Comment
 X511	171073	12 V	55 W	Halogen		30x9 Pkg. 10	
	170512	24 V	100 W	Halogen		30x9 Pkg. 10	

Jahn

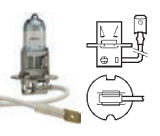
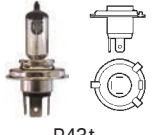
	Item no.	Volt	Watt		Colour	Dim.	Comment
 X511	170576	12 V	55 W	Halogen		30x9 Pkg. 10	
	170478	24 V	70 W	Halogen		30x9 Pkg. 10	

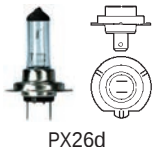
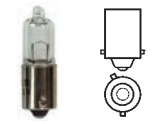
H3 Halogen

	Item no.	Volt	Watt		Colour	Dim.	Comment
 PK22s	171469	6 V	55 W	Halogen		42x11.5 Pkg. 10	
	170070	12 V	55 W	Halogen		42x11.5 Pkg. 10	
	171405	12 V	130 W	Halogen		39x11.5 Pkg. 10	
	170836	24 V	70 W	Halogen		42x11.5 Pkg. 10	
	171407	48 V	45 W	Halogen		42x11.5 Pkg. 10	
	171378	80 V	55 W	Halogen		42x11.5 Pkg. 10	

Jahn

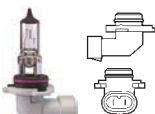
	Item no.	Volt	Watt		Colour	Dim.	Comment
 PK22s	170696	12 V	35 W	Halogen		42x11.5 Pkg. 10	
	170333	12 V	55 W	Halogen		42x11.5 Pkg. 10	
	170723	12 V	55 W	Halogen	All day	42x11.5 Pkg. 10	Gives better visibility in poor weather conditions.
	170824	12 V	55 W	Halogen	Xenon blue	42x11.5 Pkg. 10	Brighter light as standard.
	170412	24 V	70 W	Halogen		42x11.5 Pkg. 10	
	170362	24 V	100 W	Halogen		42x11.5 Pkg. 10	

Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
	170496	12 V	100 W	Halogen		42x11.5	Pkg. 10
PKY22s							
OSRAM	Item no.	Volt	Watt		Colour	Dim.	Comment
	171687	12 V	55 W	Halogen	Nightbreaker	42x11.5	Pkg. 10 Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.
PK22s							
H4 Halogen							
	Item no.	Volt	Watt		Colour	Dim.	Comment
	171474	6 V	60/55 W	Halogen		78x16	Pkg. 10
	170768	12 V	60/55 W	Halogen		78x16	Pkg. 10
	171066	12 V	60/55 W	Halogen		78x16	Pkg. 10 Gives up to 30% more light.
	171067	12 V	60/55 W	Halogen	Xenon blue	78x16	Pkg. 10 Brighter light as standard.
	171113	12 V	60/55 W	Halogen	Longlife	78x16	Pkg. 10
	171114	12 V	60/55 W	Halogen	Gold	Yellow	78x16 Pkg. 10 Gives better visibility in poor weather. Not approved in Germany.
	171134	12 V	60/55 W	Halogen		78x16	Pkg. 10 Gives up to 50% more light.
P43t	171688	12 V	60/55 W	Halogen	Nightbreaker	82	Pkg. 10 Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.
	170803	12 V	100/80 W	Halogen	Xenon blue	78x16	Pkg. 10 Brighter light as standard.
	171065	12 V	100/80 W	Halogen		78x16	Pkg. 10
	170513	12 V	130/90 W	Halogen			Pkg. 10
	170514	12 V	165/120 W	Halogen		78x16	Pkg. 10
	170721	24 V	75/70 W	Halogen	Gold	78x16	Pkg. 10 Gives better visibility in poor weather. Not approved in Germany.
	170792	24 V	75/70 W	Halogen		78x16	Pkg. 10
	171125	24 V	75/70 W	Halogen	Heavy Duty	78x16	Pkg. 10
	170071	12 V	60/65 W	Halogen		78x16	Pkg. 10
P45t	170515	24 V	130/90 W	Halogen		78x16	Pkg. 1
	171473	6 V	35/35 W			78x16	Pkg. 10
PX43t							
Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
	170718	12 V	35/35 W	Halogen		78x16	Pkg. 10
	170334	12 V	60/55 W	Halogen		78x16	Pkg. 10
	170657	12 V	60/55 W	Halogen	Longlife	78x16	Pkg. 10
	170802	12 V	60/55 W	Halogen	Xenon blue	78x16	Pkg. 10 Brighter light as standard.
	170804	12 V	60/55 W	Halogen	Megalight	78x16	Pkg. 10 Gives up to 30% more light.
	171064	12 V	60/55 W	Halogen	Megalight plus	78x16	Pkg. 2 Gives up to 60% more light.
	170572	12 V	100/55 W	Halogen		78x16	Pkg. 10
	170009	12 V	100/90 W	Halogen		78x16	Pkg. 10
	170348	24 V	75/70 W	Halogen		78x16	Pkg. 10
	170450	24 V	75/70 W	Halogen	Heavy Duty	78x16	Pkg. 10

Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
 P45t	170681	12 V	45/40 W	Halogen		78x16	Pkg. 10
	170359	12 V	100/80 W	Halogen		78x16	Pkg. 10
	170006	24 V	75/70 W	Halogen		78x16	Pkg. 10
	170360	24 V	100/70 W	Halogen		78x16	Pkg. 10
	170361	24 V	100/70 W	Halogen		78x16	Pkg. 10
MH6 Halogen							
CAR GO	Item no.	Volt	Watt		Colour	Dim.	Comment
 PX15d	170811	12 V	30/30 W	Bilux		47x20	Pkg. 10
	170812	12 V	30/30 W	Halogen		55x15	Pkg. 12
H7 Halogen							
CAR GO	Item no.	Volt	Watt		Colour	Dim.	Comment
 PX26d	171077	12 V	55 W	Halogen		58x11.6	Pkg. 10
	171079	12 V	55 W	Halogen	Xenon blue	58x11.6	Pkg. 10 <i>Brighter light as standard.</i>
	171081	12 V	55 W	Halogen		58x11.6	Pkg. 10 <i>Gives up to 30% more light.</i>
	171117	12 V	55 W	Halogen	Longlife	58x11.6	Pkg. 10
	171137	12 V	55 W	Halogen		58x11.6	Pkg. 10 <i>Gives up to 50% more light.</i>
	170837	12 V	100 W	Halogen		58x11.6	Pkg. 10
	171080	24 V	70 W	Halogen		58x11.6	Pkg. 10
	171532	24 V	70 W	Halogen	Longlife	58x11.6	Pkg. 10
Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
 PX26d	170720	12 V	55 W	Halogen		58x11.6	Pkg. 10
	170825	12 V	55 W	Halogen	Xenon blue	58x11.6	Pkg. 10 <i>Brighter light as standard.</i>
	170800	24 V	70 W	Halogen		58x11.6	Pkg. 10
OSRAM	Item no.	Volt	Watt		Colour	Dim.	Comment
 PX26d	171689	12 V	55 W	Halogen	Nightbreaker	59	Pkg. 10 <i>Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.</i>
H15 Halogen							
OSRAM	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ23T-1	171691	12 V	60/19 W	Halogen			Pkg. 10
H6W Halogen							
CAR GO	Item no.	Volt	Watt		Colour	Dim.	Comment
 BAX9s	171082	12 V	6 W	Halogen		35x9	Pkg. 10

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
  BAX9s	170741	12 V	6 W	Halogen		33x9	Pkg. 10
H21W Halogen							
	Item no.	Volt	Watt		Colour	Dim.	Comment
  BAY9s	171083	12 V	21 W	Halogen		40x10	Pkg. 10
	171084	24 V	21 W	Halogen		40x10	Pkg. 10
  P26s	171135	12 V	15 W	Halogen		36x10	Pkg. 10
<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
  BAY9s	170742	12 V	21 W	Halogen		40x10	Pkg. 10
HB1 American Types							
<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
  P29t	170692	12 V	6545 W	Halogen		95x16.5	Pkg. 10
HB3 American Types							
<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
  P20d	170693	12 V	65 W	Halogen		78x16	Pkg. 10
HB3 A American Types							
<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
  P20d	171804	12 V	60 W	Halogen		70.9	Pkg. 10

HB4 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 P22d	170694	12 V	55 W	Halogen		78x16	Pkg. 10

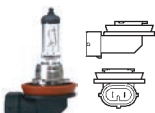
HB4 A American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 P22d	171794	12 V	51 W	Halogen		80.3	Pkg. 1

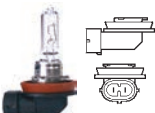
HB5 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PX29t	171039	12 V	6555 W	Halogen		102x17	Pkg. 10

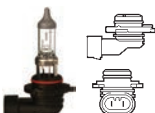
H8 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ19-1	171034	12 V	35 W	Halogen		41x11.7	Pkg. 10

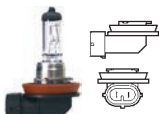
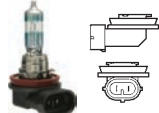
H9 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ19-5	171035	12 V	65 W	Halogen		41x11.7	Pkg. 10

H10 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PY20d	171036	12 V	42 W	Halogen			Pkg. 10

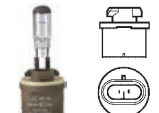
H11 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ19-2	171037	12 V	55 W	Halogen		41x11.7	Pkg. 10
<i>OSRAM</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ19-2	171690	12 V	55 W	Halogen	Nightbreaker	44	Pkg. 10 <i>Up to 90% more light. Up to 35 m longer beam. Up to 10% whiter light.</i>

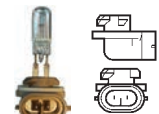
H13 Halogen

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 P26.4t	171796	12 V	60/55 W	Halogen		86	Pkg. 10

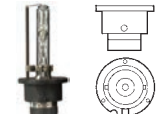
H27W/1 American Types

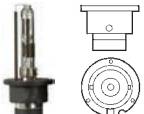
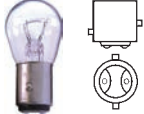
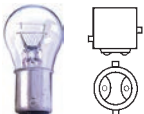
<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PG13	171009	12 V	27 W	Halogen			Pkg. 10
 W2.5x16q	170710	12 V	27/7 W			53x26.5	Pkg. 10
	170711	12 V	27/7 W		Orange	53x26.5	Pkg. 10 19.4/2.2 CP.

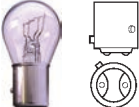
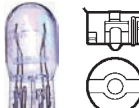
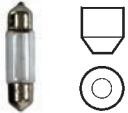
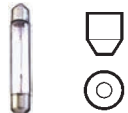
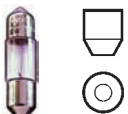
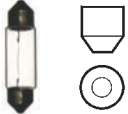
H27W/2 American Types

<i>Jahn</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 PGJ13	171010	12 V	27 W	Halogen			Pkg. 10
	170726	12 V	37.5 W	Halogen			Pkg. 10
	170951	12 V	50 W	Halogen			Pkg. 10

High Intensity Discharge

<i>OSRAM</i>	Item no.	Volt	Watt		Colour	Dim.	Comment
 P32d-2	171133		35 W	Electronic gas D2S	4150K	73x13.7	Pkg. 10

OSRAM	Item no.	Volt	Watt		Colour	Dim.	Comment
 P32d-3	171132		35 W	Electronic gas D2R	4150K	73x13.7	Pkg. 1
 P32d-5	171713		35 W	Electronic gas D4S	4150K		Pkg. 10
 P32d-6	171711		35 W	Electronic gas D4R	4150K		Pkg. 10
 PK-32d-6	171710		35 W	Electronic gas D3R	4150K		Pkg. 10
 PK32d-2	171613		35 W	Electronic gas D1S	4150K	82x41x41	Pkg. 1
 PK32d-3	171683		35 W	Electronic gas D1R	4150K		Pkg. 1
 PK32d-5	171712		35 W	Electronic gas D3S	4150K		Pkg. 1
Stop and Tail Lamps							
CAR GO	Item no.	Volt	Watt		Colour	Dim.	Comment
 BAY15d	170770	12 V	21/5 W			50x25	Pkg. 10
	171092	24 V	21/5 W			50x25	Pkg. 10
 BAZ15d	171093	12 V	21/4 W			50x25	Pkg. 10
Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
 BAY15d	171476	6 V	21/5 W				Pkg. 10
	170337	12 V	20/5 W				Pkg. 10
	170336	12 V	21/5 W				Pkg. 10
	170659	12 V	21/5 W	Longlife			Pkg. 10
	170724	12 V	26/8 W				Pkg. 10
	170453	24 V	20/5 W				Pkg. 10
	170452	24 V	21/5 W				Pkg. 10

<i>Jahn</i>	Item no.	Volt	Watt	Colour	Dim.	Comment
 BAZ15d	170644	12 V	21/4 W			Pkg. 10
	170850	24 V	21/4 W			Pkg. 10
 T20	170776	12 V	21/5 W		44x20	Pkg. 10
Festoon						
	Item no.	Volt	Watt	Colour	Dim.	Comment
 S8.5	171487	6 V	10 W		36x10.5	Pkg. 10
	171094	12 V	5 W		36x10.5	Pkg. 10
	171097	12 V	5 W		41x10.5	Pkg. 10
	171095	12 V	10 W		36x10.5	Pkg. 10
	171098	12 V	10 W		41x10.5	Pkg. 10
	171120	12 V	21 W		41x15	Pkg. 10
	171096	24 V	5 W		36x10.5	Pkg. 10
	171099	24 V	5 W		41x10.5	Pkg. 10
	171100	24 V	10 W		41x10.5	Pkg. 10
<i>Jahn</i>	Item no.	Volt	Watt	Colour	Dim.	Comment
 S6	170591	12 V	3 W		33x8.5	Pkg. 10
 S7	171485	6 V	3 W		28x8	Pkg. 10
	170590	12 V	3 W		28x8	Pkg. 10
 S8.5	171484	6 V	5 W		36x10.5	Pkg. 10
	171488	6 V	5 W		41x10.5	Pkg. 10
	171489	6 V	10 W		41x10.5	Pkg. 10
	171486	6 V	15 W		41x15	Pkg. 10
	171479	6 V	18 W		41x15	Pkg. 10
	170341	12 V	5 W		36x10.5	Pkg. 10
	170343	12 V	5 W		41x10.5	Pkg. 10
	170005	12 V	10 W		28x10	Pkg. 10
	170344	12 V	10 W		41x10.5	Pkg. 10
	170411	12 V	10 W		36x10.5	Pkg. 10
	170342	12 V	15 W		41x15	Pkg. 10
	170588	12 V	18 W		41x15	Pkg. 10
	171139	12 V	21 W		41x15	Pkg. 10
	170414	24 V	5 W		36x10.5	Pkg. 10
	170415	24 V	5 W		41x10.5	Pkg. 10
	170592	24 V	15 W		41x15	Pkg. 10
	170589	24 V	18 W		41x15	Pkg. 10

Parking and Flasher - Postion

	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15d	171102	24 V	5 W		35x18.5	Pkg. 10
 BA15S	170773	12 V	5 W		35x18.5	Pkg. 10
	170794	24 V	5 W		35x18.5	Pkg. 10
	171118	24 V	5 W		35x18.5	Pkg. 10
 BA7s	171119	12 V	2 W		19x6.8	Pkg. 10
 BA9s	171103	12 V	2 W		23x8.6	Pkg. 10
	170774	12 V	4 W		27.4x8.6	Pkg. 10
	170822	12 V	4 W		27.4x8.6	Pkg. 10
	170796	24 V	2 W		23x8.6	Pkg. 10
	170795	24 V	4 W		27.4x8.6	Pkg. 10
 T15	171401	12 V	5 W		36x15	Pkg. 10
	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15d	170593	12 V	5 W		35x18.5	Pkg. 10
	170482	24 V	5 W			Pkg. 10
 BA15S	171481	6 V	5 W		35x18.5	Pkg. 10
	171480	6 V	10 W		35x18.5	Pkg. 10
	171472	6 V	18 W		45x26.5	Pkg. 10
	170340	12 V	5 W		35x18.5	Pkg. 10
	170660	12 V	5 W	Longlife	35x18.5	Pkg. 10
	170339	12 V	10 W		35x19	Pkg. 10
	170413	24 V	5 W		35x18.5	Pkg. 10
	170455	24 V	5 W		35x18.5	Pkg. 10
 BA7s	171482	6 V	6 W	White	35x18.5	Pkg. 10
	171483	6 V	15 W	White	20.7x6.8	Pkg. 10
	170448	12 V	2 W		20.7x6.8	Pkg. 10
	170456	24 V	3 W		20.7x6.8	Pkg. 10
 BA9s	171491	6 V	2 W		27.4x8.6	Pkg. 10
	171492	6 V	4 W		27.4x8.6	Pkg. 10
	170345	12 V	2 W		23x8.6	Pkg. 10
	170594	12 V	3 W		23x8.6	Pkg. 10
	170346	12 V	4 W		27.4x8.6	Pkg. 10
	170580	12 V	5 W		29x15.5	Pkg. 10
	170416	24 V	2 W		23x8.6	Pkg. 10
	170474	24 V	3 W		23x8.6	Pkg. 10
	170417	24 V	4 W		27.4x8.6	Pkg. 10
	170503	24 V	4 W		27.4x8.6	Pkg. 10

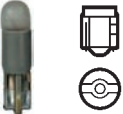
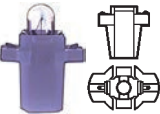
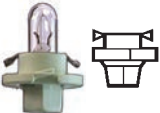
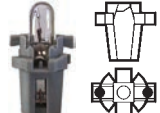
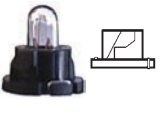
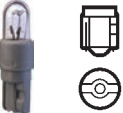
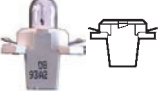
Wedge Base

	Item no.	Volt	Watt	Colour	Dim.	Comment
 T10	171121	12 V	2 W		26x10	Pkg. 10
	171104	12 V	3 W		26x10	Pkg. 10
	170948	12 V	5 W	Xenon blue	26x10.3	Pkg. 10 <i>Brighter light as standard.</i>
	171105	12 V	5 W		26x10	Pkg. 10
	171122	12 V	5 W	Blue	26x10	Pkg. 10
	171123	12 V	5 W	Orange	26x10	Pkg. 10
	170810	12 V	8 W		26x10	Pkg. 10
	171106	24 V	3 W		26x10	Pkg. 10
	171107	24 V	5 W		26x10	Pkg. 10
 T5	170775	12 V	1.2 W		20x5	Pkg. 10
	171108	24 V	1.2 W		20x5	Pkg. 10
 T7	171391	12 V	3 W		20x7	Pkg. 10
	Item no.	Volt	Watt	Colour	Dim.	Comment
 T10	170725	12 V	2 W			Pkg. 10
	170331	12 V	3 W			Pkg. 10
	170778	12 V	3 W	Orange		Pkg. 10
	170779	12 V	3 W	Green		Pkg. 10
	170780	12 V	3 W	Blue		Pkg. 10
	170781	12 V	3 W	Red		Pkg. 10
	170347	12 V	5 W			Pkg. 10
	170662	12 V	5 W			Pkg. 10
	170754	12 V	5 W			Pkg. 10
	170476	24 V	3 W			Pkg. 10
	170805	24 V	3 W	Orange		Pkg. 10
	170806	24 V	3 W	Green		Pkg. 10
	170807	24 V	3 W	Blue		Pkg. 10
	170808	24 V	3 W	Red		Pkg. 10
	170542	24 V	5 W			Pkg. 10
	170410	12 V	1.2 W		20x5,	Pkg. 10
	170617	12 V	1.2 W	Frosted	20x5	Pkg. 10
	171283	12 V	2 W		20x5	Pkg. 10
 T5	170684	24 V	0.7 W		20x5	Pkg. 10
	170477	24 V	1.2 W		20x5	Pkg. 10
	171386	24 V	2 W		20x5	Pkg. 10

Instrument Panel

	Item no.	Volt	Watt	Colour	Dim.	Comment
 B8.4d	171109	12 V	1.2 W		17.5x5	Pkg. 10
	171381	12 V	1.2 W		17.5x5	Pkg. 10
	171023	12 V	1.5 W		17.5x5	Pkg. 10
	171110	12 V	2 W		17.5x5	Pkg. 10
	171030	24 V	1.2 W		16.5x5	Pkg. 10

	Item no.	Volt	Watt	Colour	Dim.	Comment
 B8.5d	171380	12 V	0.36 W		21x5	Pkg. 10
	171379	12 V	1 W		21x5	Pkg. 10
	171024	12 V	1.2 W		21x5	Pkg. 10
	171383	12 V	1.5 W		21x5	Pkg. 10
	171028	24 V	1.2 W		21x5	Pkg. 10
 B8.7d	171455	12 V	2 W		16.5x5	Pkg. 10
 BX2d	171284	12 V	1.2 W		21.5x5	Pkg. 10
 EBSN10	171377	24 V	1.2 W		20x6	Pkg. 10 <i>Alba - type.</i>
 EBSR11	171031	12 V	1.2 W		20x5	Pkg. 10 <i>Alba - type.</i>
	170698	12 V	1.8 W		20x5	Pkg. 10
	171025	24 V	1.2 W		21x5	Pkg. 10
	171026	24 V	1.2 W		21x5	Pkg. 10
	171285	24 V	1.2 W	Frosted	20x5	Pkg. 10
	171032	24 V	1.4 W		21x5	Pkg. 10
 F4.8	171112	14 V	1.2 W		13x4.8	Pkg. 10
 MFHZ	171382	12 V	1.2 W		38x5	Pkg. 10
 MFJF	171384	12 V	1.2 W		35x5	Pkg. 10
	171837	12 V	2 W		35x5	
 T-1/4	170364	14 V	1.12 W		10.5x4	Pkg. 10
 T-1/4NW	170762	14 V	0.8 W		9x3.4	Pkg. 10
	171389	14 V	1.4 W		11x3.5	Pkg. 10
 T-3/4	170972	12 V	0.6 W		6.5x2.5	Pkg. 10 <i>Used as locating light Lighting - Bulbs in switches on japanese vehicles.</i>

	Item no.	Volt	Watt	Colour	Dim.	Comment
 T5	171388	12 V	0.4 W	Frosted	20x5	Pkg. 10
 T7	171111	14 V	2 W		23x7	Pkg. 10
<i>Jahn</i>	Item no.	Volt	Watt	Colour	Dim.	Comment
 B8.3d	170612	12 V	1.2 W		23.5x5	Pkg. 10
	170613	24 V	1.2 W		23.5x5	Pkg. 10
 B8.4d	171033	12 V	1.12 W		17.5x5	Pkg. 10
	170727	12 V	1.2 W		17.5x5	Pkg. 10
	170756	12 V	2 W		17.5x5	Pkg. 10
 B8.5d	170357	12 V	1.2 W		23.5x5	Pkg. 10
	170610	12 V	2 W		23.5x5	Pkg. 10
	170358	24 V	1.2 W		23.5x5	Pkg. 10
 B8.7d	170545	12 V	1.2 W		23.5x5	Pkg. 10
 EBSR10	171454	24 V	1.2 W	Frosted	20x5	Pkg. 10
 F4.8	170753	14 V	1.4 W		12x5	Pkg. 10
 T5	170755	12 V	0.5 W		19.5x5	Pkg. 10
	170758	12 V	1.2 W		20x5	Pkg. 10
	170782	12 V	1.2 W	Orange	20x5	Pkg. 10
	170783	12 V	1.2 W	Green	20x5	Pkg. 10
	170784	12 V	1.2 W	Blue	20x5	Pkg. 10
	170785	12 V	1.2 W	Red	20x5	Pkg. 10
 T7	170757	14 V	2 W		23.5x5	Pkg. 10

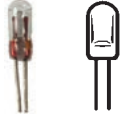
Conventional

	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15d	170950	12 V	36/36 W		60x40	Pkg. 10
 P45t	170771	12 V	45/40 W	Bilux	77x41	Pkg. 10
	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15S	170577	12 V	45 W		53x36	Pkg. 1 For US and UK systems.
	170578	24 V	45 W			Pkg. 10 For US and UK systems.
 BA20d	171623	6 V	15 W			Pkg. 10
	171531	6 V	35/35 W		70x36	Pkg. 10
	170814	12 V	25/25 W		70x36	Pkg. 10
	170815	12 V	35/35 W		70x36	Pkg. 10
	170573	12 V	45/40 W		70x36	Pkg. 10
	170574	24 V	45/40 W		70x36	Pkg. 10
 BA20s	170575	12 V	35 W		66x36	Pkg. 10
	170579	12 V	50 W		66x36	Pkg. 10 For German and Italian systems.
 P26s	170816	12 V	15 W		46x25.5	Pkg. 10
 P45t	171477	6 V	45/40 W	Bilux	77x41	Pkg. 10
	170338	12 V	45/40 W	Bilux	77x41	Pkg. 10
	170350	24 V	55/50 W	Bilux	77x41	Pkg. 10

Electric Vehicles and Forklifts

	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15S	171410	48 V	10 W		35x16	Pkg. 10
	171408	48 V	25 W		50x25	Pkg. 10
 BAY15d	171458	48 V	25 W		50x25	Pkg. 10
	171411	48 V	25/10 W		50x25	Pkg. 10

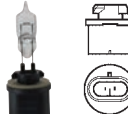
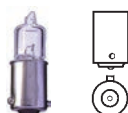
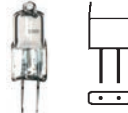
Flash and Penlight

	Item no.	Volt	Watt	Colour	Dim.	Comment
 2P	171275	2.4 V			13x3	Pkg. 2
 E10	170509	12 V	3 W		24x11.5	Pkg. 10
	170674	24 V	2 W		24x11.5	Pkg. 10
 P13.5s	171278	2.4 V		Krypton	30x11	Pkg. 10
	170201	2.5 V			30x11	Pkg. 10
	171280	4.8 V		Krypton	30x11	Pkg. 10

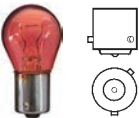
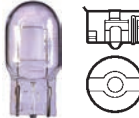
Wedge Base - Covers

	Item no.	Volt	Watt	Colour	Dim.	Comment
	170731			Blue		Pkg. 25
	170732			Green		
	171127			Orange		
	171128			Blue		Pkg. 10
	171129			Green		Pkg. 10
	171130			Red		Pkg. 10
	171131			Orange		Pkg. 10

Halogen

 PG13	171748	12 V	50 W	Halogen		Pkg. 10
 W2.5x16d	171747	12 V	27 W			Pkg. 10
	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA9s	170470	12 V	5 W	Halogen	33x9	Pkg. 10
	170502	12 V	12 W	Halogen	33x9	Pkg. 10
	170380	12 V	20 W	Halogen	35x9	Pkg. 10
 G4	171425	12 V	5 W	Halogen	30x8	Pkg. 10
	170712	12 V	10 W	Halogen	30x8	Pkg. 5
	170749	12 V	20 W	Halogen	30x8	Pkg. 5
	170848	24 V	10 W	Halogen	30x8	Pkg. 5
	170750	24 V	20 W	Halogen	30x8	Pkg. 5
 T10	171124	12 V	5 W	Halogen	33x9	Pkg. 10

Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
 B10d	170751	12 V	3 W	Halogen		27.8x8.8 Pkg. 10	
	170752	12 V	5 W	Halogen		27.8x8.8 Pkg. 10	
 BA15S	170839	12 V	10 W	Halogen		37.5x10 Pkg. 10	
Stop and Flasher - Position							
CAR GO	Item no.	Volt	Watt		Colour	Dim.	Comment
 BA15d	171088	24 V	15 W			43x23 Pkg. 10	
 BA15S	170772	12 V	10 W			35x18 Pkg. 10	
	170769	12 V	21 W			50x25 Pkg. 10	
	171091	12 V	21 W		Orange	50x25 Pkg. 10	
	170793	24 V	10 W			35x18 Pkg. 10	
	171076	24 V	10 W			35x18 Pkg. 10	
	171086	24 V	15 W			43x23 Pkg. 10	
	170826	24 V	21 W			50x25 Pkg. 10	
	171078	24 V	21 W			50x25 Pkg. 10	
 BAU15s	171089	12 V	21 W		Orange	50x25 Pkg. 10	
	171371	12 V	21 W		Silver/amber	50x25	
	171090	24 V	21 W		Orange	50x25	
 PG20/4	171869	12 V	24 W		Orange		300lm.
 T13	171390	12 V	10 W			30x13 Pkg. 10	
 T15	171402	12 V	10 W			36x15 Pkg. 10	
	171403	12 V	21 W			36x15 Pkg. 10	
Jahn	Item no.	Volt	Watt		Colour	Dim.	Comment
	170581	12 V	25 W			26 Pkg. 10	

<i>Jahn</i>	Item no.	Volt	Watt	Colour	Dim.	Comment
 BA15d	170583	12 V	15 W		45x26.5	Pkg. 10
	170585	12 V	20 W		45x26.5	Pkg. 10
	170673	12 V	20/5 W			Pkg. 10
	170507	24 V	15 W		45x26.5	Pkg. 10
	170481	24 V	20 W		45x26.5	Pkg. 10
 BA15S	171471	6 V	20 W		45x26.5	Pkg. 10
	171475	6 V	21 W			Pkg. 10
	170663	12 V	10 W	Longlife	35x19	Pkg. 10
	170582	12 V	15 W		45x26.5	Pkg. 10
	170584	12 V	15 W		35x19	Pkg. 10
	170586	12 V	18 W		45x26.5	Pkg. 10
	170335	12 V	21 W			Pkg. 10
	170658	12 V	21 W	Longlife		Pkg. 10
	170351	24 V	10 W		35x19	Pkg. 10
	170454	24 V	10 W		35x15	Pkg. 10
	170480	24 V	15 W		45x26.5	Pkg. 10
	170938	24 V	15 W		35x19	Pkg. 10
	170761	24 V	18 W		45x26.5	Pkg. 10
	170483	24 V	20 W		45x26.5	Pkg. 10
	170349	24 V	21 W			Pkg. 10
	170451	24 V	21 W			Pkg. 10
	170614	24 V	25 W		45x26.5	Pkg. 10
				809008		
 BAU15s	170849	24 V	21 W	Orange		Pkg. 10
 T16	170813	12 V	16 W		37x15	Pkg. 10
 T20	170777	12 V	21 W	Orange	44x20	Pkg. 10
	171398	12 V	21 W		44x20	Pkg. 10

Spare Lamp Kits

For Cars

Jahn



171040



171042



171043

Dimensions: 90 x 90 x 57 mm.

Contains:

CARGO	TYPE	Jahn Ref. No.	Description	H4 171040	H7 171042	H1/H7 171043
170804	H4	1134	12 V. 60/55 W. P43t.	1		
170332	H1	1111	12 V. 55 W. P14.5s.			1
170720	H7	1117	12 V. 55 W. PX 26d.		1	1
170335	P12W	1321	12 V. 21 W. BAY15s.	1	1	1
170336	P21/5W	1341	12 V. 21/5W. BAY15d.	1	1	1
170648	PY21W	1383	12 V. 21W. BAU15s.		1	1
170347	W5W	1621	12 V. 5 W. W2.1 x 9.5d.		1	1
170340	R5W	1401	12 V. 5 W. BA15s.	1	1	
170341	C5W	1711	12 V. 5 W. SV8.5.		1	1
170346	T4W	1501	12 V. 5 W. SV8.5.	1		
190057	ATO blade fuse		10 Amp. Red.	1	1	1
190058	ATO blade fuse		15 Amp. Blue.	1	1	1
190059	ATO blade fuse		20 Amp. Yellow.	1	1	1

For Trucks and Busses

Jahn

Contains:

CARGO	TYPE	Jahn Ref. No.	Description	H4 171044
170348	H4	1102	24 V. 75/70W P43t.	2
170417	T4W	1502	24 V. 4 W. BA9s.	2
170413	R5W	1402	24 V. 5 W. BA15s.	1
170351	R10W	1412	24 V. 10 W. BA15s.	1
170349	P21W	1322	24 V. 21 W. BA15s.	4
170416	T2W	1512	24 V. 2 W. BA9s.	2
170475	Fest. T10.5	1732	24 V. 10 W. SV8.5.	1
170414	C5W	1712	24 V. 5 W. SV8.5.	1
190057	ATO blade fuse		10 Amp. Red.	1
190058	ATO blade fuse		15 Amp. Blue.	1
190059	ATO blade fuse		20 Amp. Yellow.	1
190060	ATO blade fuse		25 Amp. Natural.	1



171044

Dimensions: 210 x 95 x 60 mm.



Application List

Alternators & Starters

Edition 2013/2014





Agco Allis									
AGRICULTURE									
8745	[4-268]				01.98-	01.00	110615	12	2.8
8765	[4-268]				01.98-	01.00	110615	12	2.8
8775	[6-402]				01.98-	01.00	110615	12	2.8
8785	[6-402]				01.98-	01.00	110615	12	2.8
Agco White									
AGRICULTURE									
6124	[Cummins 6-359]				01.94-	01.97	113452	12	2.5
6125	[Cummins 6-359]				01.93-	01.97	113452	12	2.5
6144	[Cummins 6-359]				01.94-	01.97	113452	12	2.5
6145	[Cummins 6-359]				01.93-	01.97	113452	12	2.5
6410 3.9	[Cummins]				01.98-	01.00	110615	12	2.8
6510 3.9	[Cummins]				01.98-	01.00	110615	12	2.8
6710	[Cummins 6-359]				01.98-	01.00	110615	12	2.8
6810	[Cummins 6-359]				01.98-	01.00	110615	12	2.8
8310	[Cummins 6-359]				01.98-	01.00	113452	12	2.5
8410	[Cummins 6-359]				01.98-	01.00	113452	12	2.5
Agrifull									
AGRICULTURE									
Various Models		08.83-	111662	14	33	01.85-	110529	12	3.0
		01.80-	110899	14	33	09.80-	110813	12	2.7
Allis Chalmers									
AGRICULTURE									
310		01.80- 01.90	110639	14	36	01.80- 12.90	110640	12	3.0
340		01.80- 01.85	110639	14	36	01.80- 12.85	110640	12	3.0
350		01.74- 01.89	110639	14	36				
360		01.77- 01.91	110639	14	36	01.77- 01.91	110640	12	3.0
445		01.74- 01.89	110639	14	36	01.74- 01.89	110640	12	3.0
460		01.77- 01.91	110639	14	36	01.77- 01.91	110640	12	3.0
500		01.80- 01.85	110639	14	36	01.80- 01.85	110640	12	3.0
510		01.79- 01.90	110639	14	36	01.79- 01.90	110640	12	3.0
610		01.79- 01.90	110639	14	36	01.79- 01.90	110640	12	3.0
Various Models		01.75-	110639	14	36	01.84- 01.85	110604	12	2.8
		01.91-	111419	28	55	01.77- 01.97	110640	12	3.0
						01.77- 01.83	110813	12	2.7
						01.70- 01.83	110615	12	2.8
		01.86- 01.93	111713	14	105	01.74- 12.75	110491	12	1.4
		01.72- 01.82	112260	14	80	01.74- 01.86	112268	12	2.8
Various Models FD 3,5,7,9,10		10.90-	111419	28	55				
Various Models FL 4,7,8,9,10,14,20		11.70- 07.78	110611	14	44				
		03.86- 01.92	111419	28	55				
		01.73- 06.81	112097	28	30				
Various Models FR 9,10,35,130,160,220		01.85-	111419	28	55				
BCS									
AGRICULTURE									
270					12.86-		112171	12	1.1
303					12.86-		112171	12	1.1
					06.78-		112034	12	1.7
603					06.90-		112171	12	1.1
622					01.68-		112034	12	1.7
701					03.86-		112171	12	1.1
735					04.88-		112171	12	1.1
737					07.89-		112171	12	1.1
745					01.84-		112171	12	1.1 GR
					01.84-		112034	12	1.7 DD
Belarus									
AGRICULTURE									
400							113431	12	3.0
420							113431	12	3.0
425							113431	12	3.0
500					01.79- 01.91		111350	12	3.0
505					01.79- 01.91		111350	12	3.0
520					01.79- 01.91		111350	12	3.0
525					01.79- 01.91		111350	12	3.0
530					01.94- 01.96		111350	12	3.0
532					01.94- 01.96		111350	12	3.0
560					01.92- 01.96		111350	12	3.0
562					01.92- 01.96		111350	12	3.0
5111							111350	12	3.0
5145							111350	12	3.0
MTZ 100	[D240T]						112488	12	2.7
MTZ 1221 7.2	[D-260.2]						113356	24	3.5
MTZ 142	[D181T]						112488	12	2.7
MTZ 145	[D260T]						112488	12	2.7
MTZ 1522 7.2	[D-260.6]						113356	24	3.5



MTZ 80	[D240]							112488	12	2.7	
MTZ 890	[D-245.5]							113356	24	3.5	
Various Models								113431	12	3.0	
								112488	12	2.7	
Benford											
AGRICULTURE											
Various Models								113269	12	3.0	
Buhrer											
AGRICULTURE											
Various Models						01.71-		110439	12	2.0	
						01.72-	01.73	110462	12	2.8	
Case											
AGRICULTURE											
100 B						10.72-	12.79	111752	12	2.7	
110	[Cummins 6BT]	05.97-	111843	14	95						
		05.97-	111888	14	65						
120	[Cummins 6BT]	05.97-	111843	14	95						
		05.97-	111888	14	65						
125 B						10.72-	12.79	111752	12	2.7	
135	[Cummins 6BT]	05.97-	111843	14	95						
		05.97-	111888	14	65						
221						10.72-	12.79	111752	12	2.7	
250						01.57-	01.61	110438	12	2.1	
275						01.59-	01.68	110438	12	2.1	
276						01.69-	01.72	110438	12	2.1	
305	[Cummins MU7]	01.06-	114469	14	175						
321		01.86-	110077	14	50	11.72-	06.86	111752	12	2.7	
		10.76-	110641	14	33						
384		01.67-	01.82	110178	14	36					
414						01.61-	01.66	110438	12	2.1	
421						10.76-		113269	12	3.0	
		01.86-	110641	14	33	10.76-		111752	12	2.7	
431		01.72-	110641	14	33	11.72-	12.85	111752	12	2.7	
		01.86-	110077	14	50						
433		02.77-	12.85	111662	14	33	01.86-	112135	12	3.1	
434						01.69-	01.73	110438	12	2.1	
444						01.72-	01.78	110438	12	2.1	
450 C		01.89-	01.94	111843	14	95	01.87-	01.94	110627	12	2.5
		01.89-	01.94	111888	14	65					
454		01.72-	110178	14	36	01.72-		112660	12	2.8	
		01.82-	111185	14	43						
455		01.89-	01.94	112170	28	50					
		01.89-	01.94	111888	14	65					
		01.89-	01.94	111843	14	95					
474		01.72-	110178	14	36			112660	12	2.8	
		01.82-	111185	14	43						
475		01.82-	111185	14	43						
480 CK		01.89-	01.94	111843	14	95	01.79-	01.88	110627	12	2.5
		01.89-	01.94	111888	14	65					
484		01.82-	111185	14	43						
485		01.85-	01.90	111713	14	105					
		01.82-	111185	14	43						
485		01.82-	111185	14	43	01.89-	01.93	112660	12	2.8	
		01.89-	01.93	110508	14	78					
500		01.75-	01.78	110178	14	36					
531		01.86-	110077	14	50	01.86-	06.86	111752	12	2.7	
		10.76-	06.86	110641	14	33					
533		02.77-	12.85	111662	14	33	01.86-	112135	12	3.1	
540		01.88-	111662	14	33						
554		01.86-	110077	14	50	04.73-		111752	12	2.7	
		01.86-	110641	14	33						
574		01.82-	111185	14	43	01.72-		111752	12	2.7	
		01.72-	110178	14	36	01.72-		112660	12	2.8	
580						01.82-		110818	12	2.1	
		01.82-	01.94	111843	14	95	01.79-	01.87	110627	12	2.5
		01.89-	01.94	111888	14	65	01.84-	01.92	113725	12	2.5
580 C,D	[188D,207D]	01.83-	01.88	110952	28	40	01.83-	01.88	110818	12	2.1
							01.83-	01.88	112660	12	2.8
584		01.82-	111185	14	43	01.82-		112660	12	2.8	
		01.77-	01.80	110178	14	36					
585		01.81-	111185	14	43	01.82-		112660	12	2.8	
590 CK						01.92-		113725	12	2.5	
590 L						01.92-		113725	12	2.5	
644		01.86-	110077	14	50	01.86-	06.86	111752	12	2.7	
		02.79-	110641	14	33						



Application list

CASE continued

674	01.82-	111185	14 43	01.72-	112660	12 2.8
	01.72-	110178	14 36			
680	01.83- 01.88	110952	28 40	01.83- 01.88	113429	12 4.2
684	01.82-	111185	14 43	01.82-	112660	12 2.8
	01.77- 01.80	110178	14 36			
685	01.82-	111185	14 43	01.82-	112660	12 2.8
685 L	01.81-	111185	14 43			
724				04.73- 02.75	111752	12 2.7
743				04.80- 12.85	111752	12 2.7
743 XL				07.81- 12.85	111752	12 2.7
743 XLA				07.81- 12.85	111752	12 2.7
744	02.74- 06.84	110641	14 33	02.74- 06.84	111752	12 2.7
745 S				04.80- 12.85	111752	12 2.7
745 X				07.81- 12.85	111752	12 2.7
745 XLS				07.81- 12.85	111752	12 2.7
780	01.83- 01.88	110952	28 40			
784	01.82-	111185	14 43	01.82-	112660	12 2.8
785	01.81- 01.85	111185	14 43	01.82-	112660	12 2.8
824				06.73- 02.74	111752	12 2.7
833	09.81-	111662	14 33	09.81-	112135	12 3.1
833 A	09.81-	111662	14 33	09.81-	112135	12 3.1
834				06.73- 02.74	111752	12 2.7
844	01.86- 12.90	110077	14 50	01.86- 12.90	111752	12 2.7
	01.86- 12.90	110641	14 33			
850	01.89- 01.94	111843	14 95			
	01.89- 01.94	112170	28 50			
	01.72- 01.78	110427	28 22 PL	01.89- 01.94	110818	12 2.1
	01.89- 01.94	111888	14 65			
880				01.86-	112169	24 4.5
884					112660	12 2.8
885	01.72- 01.83	110178	14 36	01.72- 01.83	112660	12 2.8
	01.81-	111185	14 43			
	01.89- 01.94	111888	14 65			
895					112660	12 2.8
946	01.71- 01.77	110641	14 33	04.73- 08.79	111752	12 2.7
956 XL	01.85-	112098	14 65	01.85-	111752	12 2.7
988	11.96-	112170	28 50			
990	01.75-	110178	14 36	01.69-	110818	12 2.1
	01.82-	111185	14 43			
995	01.82-	111185	14 43	01.72-	110818	12 2.1
					112660	12 2.8
996	01.81-	111185	14 43	01.76-	110818	12 2.1
	01.75-	110178	14 36			
1000	01.71- 01.75	110641	14 33			
1046				04.73- 08.79	111752	12 2.7
1056	01.86-	112098	14 65			
1150	01.89- 01.94	112170	28 50			
	01.73- 01.78	110427	28 22 PL			
	01.89- 01.94	111888	14 65			
	01.89- 01.94	111843	14 95			
1150 E	01.89- 01.94	111843	14 95			
	01.89- 01.94	112170	28 50			
	01.89- 01.94	111888	14 65			
1155 E	01.89- 01.94	111843	14 95			
	01.89- 01.94	111888	14 65			
1190	01.83-	111185	14 43			
1194	01.80- 01.85	111185	14 43			
1200				01.69- 01.71	110818	12 2.1
1210	01.75-	110178	14 36	01.72- 01.81	110818	12 2.1
1212	01.72- 01.75	110178	14 36	01.72- 01.81	110818	12 2.1
1290	01.80- 01.82	110179	14 36	01.80- 01.83	110818	12 2.1
	01.79- 01.85	111185	14 43			
1294 3.6				01.84- 06.89	111499	12 2.8
				01.84- 06.89	110818	12 2.1
1390	01.82-	111185	14 43	01.80- 01.83	110818	12 2.1
	01.79- 01.85	110179	14 36			
1394	01.80- 01.88	111185	14 43	01.84-	110818	12 2.1
	01.84-	110968	14 70	01.84-	111499	12 2.8
	01.84-	113574	14 65			
	01.80- 01.88	111204	14 70			
1410	01.75- 01.81	110178	14 36			
1412	01.75- 01.81	110178	14 36			
1450	01.79- 01.86	110952	28 40 PL			
	01.72- 01.78	110427	28 22 PL			
1490	01.84-	111185	14 43	01.80- 01.83	110818	12 2.1



1494		01.79- 01.87	111185	14 43		01.84-	111499	12 2.8
		01.84-	110968	14 70				
		01.79- 01.87	111204	14 70				
		01.84-	113574	14 65				
1550		01.89- 01.94	111843	14 95				
		01.89- 01.94	111888	14 65				
1594		01.84-	110968	14 70		01.84-	111499	12 2.8
		01.83- 01.88	111204	14 70				
		01.84-	113574	14 65				
1620						01.85- 01.94	113726	12 3.0
							113429	12 4.2
1640						01.85- 01.92	113726	12 3.0
							113429	12 4.2
1644						01.85- 01.92	113726	12 3.0
							113429	12 4.2
1666						01.93- 01.97	113726	12 3.0
							113429	12 4.2
1680						01.85- 01.92	113726	12 3.0
							113429	12 4.2
1682						01.82- 01.92	113726	12 3.0
1688						01.92- 01.95	113726	12 3.0
							113429	12 4.2
1690		01.79- 01.85	111185	14 43 4WD		01.85- 01.92	113429	12 4.2
		01.79- 01.85	110179	14 36 2WD		01.84-	110818	12 2.1
						01.84-	111499	12 2.8
1694		01.84-	110968	14 70		01.84-	111499	12 2.8
		01.79- 01.87	111204	14 70				
		01.84-	113574	14 65				
1840						01.90- 01.93	113725	12 2.5
1845 C						01.87- 01.96	113725	12 2.5
2144		01.94- 01.97	112773	14 135		01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS				
2155 8.3	[6CTA]	05.97-	112773	14 135		01.96-	113429	12 4.2
		05.97-	113999	14 150 IS				
2166 8.3	[6CTA]	01.94-	112773	14 135		01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS				
2166						01.94- 01.97	113726	12 3.0
2188 8.3	[6CTA]	01.94-	112773	14 135		01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS				
2188						01.94- 01.97	113726	12 3.0
2344 5.9		01.97- 01.98	112773	14 135				
		01.97-	113999	14 150 IS				
2344						01.97- 01.98	113726	12 3.0
2366 8.3	[6CTA]	05.97-	112773	14 135		01.97-	113429	12 4.2
		05.97-	113999	14 150 IS				
2366						01.97- 01.98	113726	12 3.0
2388 8.3	[6CTAA]	05.97- 01.98	112773	14 135				
		05.97-	113999	14 150 IS				
2388						01.97- 01.98	113726	12 3.0
2555 8.3		05.97-	112773	14 135				
		05.97-	113999	14 150 IS				
3400 GD						09.69- 12.86	111752	12 2.7
3500 GD						09.69- 12.86	111752	12 2.7
4200		01.93-	111289	14 70			112660	12 2.8
5120 Maxxum	[6T-590]	01.90-	111843	14 95				
		01.90-	111888	14 65				
5130	[6T-590]					01.90- 01.91	113429	12 4.2
						06.90-	114449	12 4.0
5130 Maxxum	[6T-590]	01.90-	111843	14 95		01.90-	111885	12 3.1
		01.90-	111888	14 65				
5140	[6T-590]					01.90- 01.91	113429	12 4.2
						06.90-	114449	12 4.0
5140 Maxxum	[6T-590]	01.90-	111843	14 95		01.90-	111885	12 3.1
		01.90-	111888	14 65				
5150 Maxxum	[6T-590]					06.90-	111885	12 3.1
6000						01.97- 01.00	113429	12 4.2
						01.85- 01.92	113725	12 2.5
6500						01.85- 01.92	113725	12 2.5
7120 8.3	[6CT]	01.98- 01.03	112773	14 135		01.87- 01.93	113429	12 4.2
		01.98- 01.03	113999	14 150 IS				
7130 8.3	[6CT]	01.98- 01.03	112773	14 135		01.87- 01.93	113429	12 4.2
		01.98- 01.03	113999	14 150 IS				
7140 8.3	[6CTA]	01.98- 01.03	112773	14 135		01.87- 01.93	113429	12 4.2
		01.98- 01.03	113999	14 150 IS				
8920 8.3	[6CTA]	05.97-	112773	14 135				
		05.97-	113999	14 150 IS				

**CASE continued**

8930 8.3	[6CTA]	05.97- 05.97-	112773 113999	14 135 14 150 IS	01.96-	113429	12 4.2
8940 8.3	[6CTA]	05.97- 05.97-	112773 113999	14 135 14 150 IS			
8950 8.3	[6CTA]	05.97- 05.97-	112773 113999	14 135 14 150 IS			
9150	[6-611]				01.86- 01.90	112089	12
9180	[6-855]				01.86- 01.90	112089	12
9250	[6-611]				01.90- 01.95	112089	12
9260	[6-611]				01.90- 01.95	112089	12
9270	[6-855]				01.90- 01.95	112089	12
9280	[6-855]				01.90- 01.95	112089	12
170 CBX			113552	14 120			
420CT 3.2	[432T/M]				01.08-	114002	12 4.2
650 HD Yumbo		01.78-	111035	14 65			
821B 8.3	[6CT]	06.96-	112493	28 65			
E833		01.86-	111662	14 33	01.86- 12.90	112135	12 3.1
E833 A		01.86-	111662	14 33	01.86- 12.90	112135	12 3.1
Farmall			114450	14 120			
JX100U			114384	14 85			
JX70U			114384	14 85			
JX80U			114384	14 85			
JX90U			114384	14 85			
MX		01.95- 01.02	111843	14 95			
V433		01.86-	111662	14 33	01.86-	112135	12 3.1
V533		01.86-	111662	14 33	01.86-	112135	12 3.1
Various Models		01.70- 01.92	110300	28 65	05.82	111752	12 2.7
		01.89- 01.94	112170	28 50	05.79- 12.86	110536	12 2.7
			113552	14 120	01.85- 01.92	111760	24 4.5
		01.68-	112260	14 80	01.87- 01.92	113184	24 4.0
		01.72- 01.85	110504	14 90	01.74- 01.80	111259	12 1.3
		01.65-	110484		01.65-	112256	24 7.0
		01.65-	114518	14 55	01.65- 01.88	112243	24
			114191	14 90	01.78- 01.89	110627	12 2.5
					01.57- 01.78	110438	12 2.1
					01.90- 01.98	112169	24 4.5
					01.00- 01.00	111260	12 1.4/1.6
						113429	12 4.2
						110818	12 2.1
					03.75- 01.88	110523	24 4.8
					01.83-	110999	24
					01.72-	112660	12 2.8
					01.65-	114196	24 4.0
					01.65-	114399	12 2.7
W20E 6.0	[6BT]	05.96-	112493	28 65			
Caterpillar							
AGRICULTURE							
75					01.91- 12.97	113695	24 6.0
85					01.95- 12.97	113695	24 6.0
908 Diesel	[Perkins 3054]		114218	14 55			
416C Diesel	[Perkins 3054]		114218	14 55			
426C Diesel	[Perkins 3054]		114218	14 55			
436C Diesel	[Perkins 3054]		114218	14 55			
D4C Diesel	[Perkins]		114218	14 55			
Farm 35		01.94-	112996	14 115/130			
Farm 45		01.94-	112996	14 115/130			
Farm 55		01.95-	112996	14 115/130			
Various Models			114271	28 75	01.79-	110449	12 3.6
						114280	24 3.2
Chang Feng (Liebao)							
AGRICULTURE							
3320		01.92-	110621	14 55	01.92-	114254	12 2.7 GR
					01.92-	110545	12 3.0
Claas							
AGRICULTURE							
48 3.9	[4.236]	06.78-	112098	14 65	06.78-	111791	12 2.4
56 4.1	[4.248]	12.83-	110641	14 33	12.83-	111791	12 2.4
66 5.8	[6.354]	12.79- 10.85	111649	14 33	06.79- 10.85	111791	12 2.4
76 6.1	[6.372]	06.78-	112098	14 65	06.78-	111791	12 2.4
85 6.1	[6.372]				10.74- 10.85	111791	12 2.4
85	[OM352]				10.74- 05.76	110525	12 3.0
86 5.7	[OM352]	06.78-	112098	14 65			
96 5.7	[OM352]	09.79- 10.85	112098	14 65			
96	[OM352]	06.78-	112098	14 65			
105	[OM360]	04.82-	112098	14 65			



106	[OM401]	05.80-	113611	14 90	05.80- 05.80- 10.85	110539 113268	12 3.6 12 1.6
675	[OM360]	10.74-	113611	14 90			
680	[OM421]	10.74-	113611	14 90	10.74-	110539	12 3.6
690 14.6	[OM422]				10.74- 10.89	110206	24 5.4
816			113986	14 120			
826			113986	14 120			
836			113986	14 120			
850			113949	14 150			
685 SL	[OM421]	10.74-	113611	14 90	01.87-	110539	12 3.6
Combines		01.99-	111978	14 120			
Various 510 520 530 540			113986	14 120			
Various 610 620 630 640			113986	14 120			
Various Models			114000	14 120	10.74- 10.76	110775	12 1.8
			114513	14 95	09.73- 05.76	110525	12 3.0
					08.78- 10.82	110536	12 2.7
					01.73- 10.82	111791	12 2.4
Cub Cadet							
AGRICULTURE							
982	[Onan B48G]				01.79- 01.84	113015	12
984	[Onan B48G]				01.82- 01.84	113015	12
986	[Onan B48G]				01.82- 01.84	113015	12
1912	[Onan B48G]				B48G Eng. 01.85- 01.86	113015	12
1914	[Onan B48G]				01.85- 01.86	113015	12
7000 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14 50			
7200 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14 50			
7205 Diesel	[Mitsubishi 3-69]	01.98- 01.03	112492	14 50			
7260 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14 50			
7265 Diesel	[Mitsubishi 3-80]	01.98- 01.03	112492	14 50			
7305 Diesel	[Mitsubishi Equipped]		114079	14 40			
7360 Diesel	[Mitsubishi 4-107]	01.00- 01.03	112492	14 50			
7530 Diesel		01.04- 01.06	112492	14 50			
7532 Diesel		01.04- 01.06	112492	14 50			
Compact 1170	[Briggs & Stratton]				01.00- 01.01	113853	12
Compact 1600	[Briggs & Stratton]				01.99- 01.99	113853	12
Compact 1800	[Briggs & Stratton]				01.99- 01.99	113853	12
Compact 2130	[Kohler]				01.94- 01.95	112546	12 0.6
Compact 2135	[Kohler]				01.94- 01.95	112546	12 0.6
Compact 2185	[Kohler]				01.94- 01.01	112546	12 0.6
Garden 1340 1.3	[Kohler]				01.90- 01.91	112150	12
Garden 1863	[Kohler]				01.93- 01.97	112546	12 0.6
Garden 1864	[Kohler]				01.93- 01.97	112546	12 0.6
Garden 2072					01.87- 01.89	112831	12 0.6
Garden 2082					01.92- 01.00	112831	12 0.6
Garden 2084	[Kohler]				01.94- 01.95	112546	12 0.6
Lawn 1315 1.3	[Kohler]				01.89- 01.91	112150	12
Lawn 1320	[Kohler]				01.89- 01.91	112150	12
Lawn 1325	[Kohler]				01.92- 01.93	112150	12
Lawn 1330	[Kohler]				01.92- 01.93	112150	12
Lawn 1405	[Kohler]				01.90- 01.91	112150	12
Zero Turn	[Kohler]					114075	12
Daedong Kiotti							
AGRICULTURE							
DK35 Series	[Kubota]		114219	14 50			
DK40 Series	[Kubota]		114219	14 50			
DK65 Series	[Kubota]		114219	14 50			
DK65S Series	[Kubota]		114219	14 50			
Deutz-Fahr							
AGRICULTURE							
60	[1000.3A]		112389	14 85			
75	[1000.4A]		112389	14 85			
85	[1000.4AT]		112389	14 85			
110	[1000.6A]		112389	14 85			
130	[1000.6A]		112389	14 85			
2003 3.8	[F4L 912]	02.79- 05.80	110641	14 33			
2004 3.8	[F4L912]	05.78- 12.88	110641	14 33			
100.4	[1000.4ATI]		112389	14 85			
100.6	[1000.4A]		112389	14 85			
60DT/2RM	[1000.3A]		112389	14 85			
70DT/2RM	[1000.4A]		112389	14 85			
80DT	[1000.4A]		112389	14 85			
90DT	[1000.4AT]		112389	14 85			
Agri 605					01.97-	112071	12 3.0
D 2807 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14 33			
		09.88-	110360	14 45			
		09.88-	110881	14 55			

**DEUTZ-FAHR continued**

D 3607 1.9 Diesel	[F2L912]	06.86- 08.88	110641	14 33			
		09.88-	110360	14 45			
		09.88-	110881	14 55			
D 6807 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14 33	06.86-	110536	12 2.7
		09.88-	110360	14 45	01.92-	112555	12 3.1
D 7007 3.8 Diesel	[F4L912]	06.86- 08.88	110641	14 33	01.92-	112555	12 3.1
		09.88-	110360	14 45	06.86-	110536	12 2.7
DE6 - Various Models		06.86-	110360	14 45			
DX 3.10 2.8 Diesel	[F3L912]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.30 2.8 Diesel	[F3L912]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.50 3.1 Diesel	[F3L913]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.60 3.8 Diesel	[F4L912]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.70 3.8 Diesel	[F4L912]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.80 4.1 Diesel	[F4L913]	06.86-	110360	14 45	06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 3.90 4.1 Diesel	[F4L913]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 4.10 3.8 Diesel	[F4L912]	06.86-	110360	14 45	01.92- 06.01	112555	12 3.1
					06.86-	110536	12 2.7
DX 4.30 4.1 Diesel	[F4L913]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 4.31 4.1 Diesel	[F4L913]	01.91-	110360	14 45	01.92-	112555	12 3.1
					01.91-	110536	12 2.7
DX 4.50 4.1 Diesel	[BF4L913]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 4.51 4.1 Diesel	[BF4L913]	01.90-	110360	14 45	01.90- 06.94	113467	12 3.7
					01.92-	112555	12 3.1
DX 4.70 4.1 Diesel	[BF4L913]				06.86-	110536	12 2.7
					01.92-	112555	12 3.1
DX 6.05 5.7 Diesel	[F6L912]	06.86-	110360	14 45	01.92- 06.01	112555	12 3.1
					06.86-	110536	12 2.7
DX 6.30 6.1 Diesel	[F6L913]				06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX 6.31 6.0 Diesel	[BF6L913]	01.90- 01.05	112046	14 95	01.90- 06.94	113467	12 3.7
					01.90-	110536	12 2.7
					01.92- 01.05	112555	12 3.1
DX 6.50 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14 95	01.92- 06.01	112555	12 3.1
					06.86-	110536	12 2.7
					06.86-	113467	12 3.7
DX 6.60 6.0 Diesel	[BF6L913]	10.88-	110360	14 45	01.92- 10.03	112555	12 3.1
					10.88-	110536	12 2.7
DX 7.10 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14 95	06.86- 06.94	113467	12 3.7
					06.86-	110536	12 2.7
					01.92- 06.01	112555	12 3.1
DX3 - Various Models		06.86-	110360	14 45			
		07.76- 10.85	110641	14 33			
DX4 - Various Models		06.86-	110360	14 45			
DX7 - Various Models		09.88-	110360	14 45			
		06.86-	112736	14 65			
Intrac 6.30 6.0 TD	[BF6L913]	01.88-	112046	14 95	01.89-	110536	12 2.7
		01.88- 12.88	112736	14 65	01.92- 01.04	112555	12 3.1
Intrac 6.60 6.0 TD	[BF6L913]	01.88- 01.93	112046	14 95	01.88- 01.03	113467	12 3.7
		01.88-	112736	14 65			
M 1080 4.7 Diesel	[F5L912]	01.81- 08.88	110641	14 33	01.81-	110536	12 2.7
		09.88-	110360	14 45	01.92- 01.96	112555	12 3.1
M 1202 5.7 Diesel	[F6L912]	01.80- 08.88	110641	14 33	01.80-	110536	12 2.7
		09.88-	110360	14 45	01.92- 01.95	112555	12 3.1
M 2385 5.7 Diesel	[F6L912]	01.82- 01.97	112046	14 95	01.92- 01.97	112555	12 3.1
		01.82- 07.93	112736	14 65	01.82-	110536	12 2.7
M 3330 2.8	[F3L912]				01.92- 03.02	112555	12 3.1
M 3360 3.8	[F4L912]				03.87- 03.02	110536	12 2.7
					01.92- 03.02	112555	12 3.1
M 980 3.8 Diesel	[F4L912]	01.81- 08.88	110641	14 33	01.92- 01.96	112555	12 3.1
					01.81-	110536	12 2.7



Various Models		01.73- 12.75	110766	28 27		110536	12 2.7
		12.79-	112747	28 55	05.78- 10.85	113467	12 3.7
		04.88-	113740	14 160	01.92-	112555	12 3.1
		04.72- 12.75	110761	28 35		114220	24 4.0
		02.79- 10.84	110641	14 33			
		07.80- 10.84	110077	14 50			
		09.88- 12.01	110881	14 55			
			114192	14 200			
			114110	28 80			
			114365	28 140			
			114470	14 120			
Dronningborg							
AGRICULTURE							
7000	[Perkins]		111289	14 70			
7800	[Valmet D620]	01.93	110968	14 70			
		01.93	111355	14 65			
8700 Jumbo	[Valmet]		110968	14 70			
			111355	14 65			
Various Models						114254	12 2.7 GR
						110449	12 3.6
						110545	12 3.0
						110443	12 2.1
						110460	12 2.8
Eicher							
AGRICULTURE							
330 2.0 Diesel	[EDK 2-9]	10.77- 12.80	111649	14 33			
3026 5.9 Diesel	[EDL 6-1]	03.82- 03.97	111649	14 33			
		03.82-	112098	14 65			
3028 5.9 Diesel	[EDL 6-5]	09.83-	112098	14 65			
3030 5.9 Diesel	[EDL 6-6]	09.83-	112098	14 65			
3357 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14 33			
3358 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14 33			
3457 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14 33			
3458 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14 33			
3559 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14 33			
3560 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14 33			
3659 3.9 Diesel	[EDL 4-5]	01.84- 01.99	111649	14 33			
3660 3.9 Diesel	[EDL 4-6]	01.84- 01.99	111649	14 33			
3257 S 3.0 Diesel	[EDL 3-7]	01.83- 12.87	111649	14 33			
3258 A AS 3.0 Diesel	[EDL 3-7]	03.82- 12.87	111649	14 33			
635 K KA 1.9 Diesel	[EDL 2-2]	01.86- 01.01	111649	14 33			
642 K KA 1.9 Diesel	[EDL 2-4]	01.86- 01.01	111649	14 33			
645 K KA 2.9 Diesel	[EDL 3-6]	01.86- 01.01	111649	14 33			
648 V VA 2.9 Diesel	[EDL 3-7.2]	01.87- 01.02	111649	14 33			
666 P, PA 2.9 Diesel	[EDL 3-9.1]	01.87- 01.02	111649	14 33			
666 V VA 2.9 Diesel	[EDL 3-9.1]	01.86- 01.01	111649	14 33			
680 P PA 3.9 Diesel	[EDL 4-5.1]	01.87- 01.02	111649	14 33			
Various Models		01.77- 11.87	111649	14 33	01.72-	110439	12 2.0
					01.75-	110565	12 2.8
					01.75-	110819	12 2.8
Fahr							
AGRICULTURE							
M1000 Series		06.74- 12.80	112097	28 30			
		01.80- 12.87	112736	14 65			
		02.79- 12.81	110641	14 33			
M2000 Series		01.79- 12.87	112736	14 65			
M600 Series		02.79- 12.87	110641	14 33			
M700 Series		02.79- 12.87	110641	14 33			
M900 Series		02.79- 12.87	110641	14 33			
Fendt							
AGRICULTURE							
204 3.8 Diesel	[F4L 912]	02.79- 08.88	110641	14 33	01.92- 09.86- 12.91	112555	12 3.1
						110536	12 2.7
205 4.0 Diesel	[F4L 912]	02.79- 08.88	110641	14 33			
600 5.7 Diesel	[D227-6]	02.78-	112196	14 143	02.78-	111332	12 2.7
610 5.7 Diesel	[D226-6]	02.78-	112196	14 143	02.78-	111332	12 2.7
611 6.2 Diesel	[D226-6]	02.76-	112196	14 143	02.76-	111332	12 2.7
612 6.2 Diesel	[D226-6]	02.76-	112196	14 143	02.76-	111332	12 2.7
614 6.2 Diesel	[TD226-6]	02.78-	112196	14 143	02.78-	111332	12 2.7
105S 4.2 Diesel	[D226-4]				02.77- 02.92	111332	12 2.7
200 Series 2.8 Diesel	[F3L912]	02.79- 08.88	110077	14 50	10.92-	112555	12 3.1
		02.79- 08.88	110641	14 33	02.74- 12.91	110536	12 2.7
		09.88-	110881	14 55			
204 P 204 V 3.8	[F4L912]	01.74- 12.96	110641	14 33	01.74- 12.96	110536	12 2.7
		01.74- 12.96	110881	14 55			

**FENDT continued**

204 PA 204 VA 3.8	[F4L912]	01.74- 12.96 01.74- 12.96	110641 110881	14 33 14 55	01.74- 12.96	110536	12 2.7
300 SERIES 4.2 Diesel	[D226..]	02.80- 08.04	112196	14 143	02.80-	111332	12 2.7
626 LS 11.4 Diesel	[D2566ME]	02.82- 02.97	112196	14 143			
800 Series 6.9 Diesel	[D286..]	06.93-	113290	14 95	06.93-	113353	24 4.0
900 Series					01.93-	113353	24 4.0
Various Models	[TCD2013]		114192	14 200		114475	12 4.0
			111978	14 120	01.68- 12.74	112039	12 2.7
						110536	12 2.7
						112555	12 3.1

Ferrari

AGRICULTURE							
86 2.5 Diesel	[LDA 833]	06.80-	111662	14 33			
91 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
92 0.5	[3LD350]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
93		09.89-	111662	14 33			
94		09.89-	111662	14 33			
95 1.3 Diesel	[8LD665.2]	11.88-	111662	14 33			
96 2.7 Diesel	[5LD 824-3]	09.89-	111662	14 33			
305 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
305 0.5	[6L360]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
306 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
307 0.4	[6LD400]				10.90- 02.92 02.92-	112034 112171	12 1.7 12 1.1
718 0.7	[7LD665]				06.80- 12.83	113268	12 1.6
792 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
794 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
1100 1.1 Diesel	[9LD 561]	12.85-	111662	14 33	12.85-	112172	12 1.6
1300 1.3 Diesel	[8LD665.2]	12.85-	111662	14 33	12.85-	112172	12 1.6
40 WDT 1.6 Diesel	[LDW1503]	04.91-	111168	14 55	04.91-	110844	12 2.2
725 0.7	[7LD665]				01.71- 01.71-	112171 113268	12 1.1 12 1.6
95 RS 1.7 Diesel	[5LD 825.2]	11.88-	111662	14 33			
95 RS 1.9 Diesel	[11LD 625.3]		111662	14 33			
96 RS 1.9 Diesel	[11LD 625.3]	09.89-	111662	14 33			

Fiat

AGRICULTURE							
404 Diesel					01.84- 01.84-	113381 110640	12 2.5 12 3.0
420 Diesel		04.82- 12.83	111180	14 33	01.84- 01.84- 01.84-	113381 110640 110213	12 2.5 12 3.0 24 6.6
440 Diesel					01.84- 01.84- 01.84-	113381 110640 110813	12 2.5 12 3.0 12 2.7
450 Diesel					01.84- 01.84- 01.50- 08.80	113381 110640 110813	12 2.5 12 3.0 12 2.7
455 Diesel					01.84- 01.84- 01.50-	113381 110640 110813	12 2.5 12 3.0 12 2.7
470 Diesel					01.84- 01.84- 01.84-	113381 110640 110813	12 2.5 12 3.0 12 2.7
480					01.72- 03.82	110813	12 2.7
666						113381	12 2.5
766					01.84- 12.84	110529	12 3.0
880					01.75- 12.84	110529	12 3.0
1180					04.73- 12.84	110529	12 3.0
1280					09.80- 12.83	110529	12 3.0
1380					09.80- 12.83	110529	12 3.0
1580					09.80- 12.83	110522	12 3.0
100.90 5.4 Diesel	[8065.06.200]	05.87- 08.88	111686	14 65	09.80- 12.83 06.84- 08.88	110522	12 3.0
1000 S DT DTS					01.73-	110529	12 3.0
110.90 5.9 Diesel	[8065.05.220]	05.87- 08.88	111686	14 65	11.86- 08.88	110522	12 3.0
115.90 5.9 Diesel	[8065.05.000]	05.87- 08.88	111686	14 65	01.84- 08.88	110522	12 3.0
129-16					01.79- 06.82	110521	24 4.0



130.90 5.9 Diesel	[8065.25.010]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
1300 DT S						04.73- 12.79	110529	12	3.0
140.90 5.9 Diesel	[8065.25.000]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
160.90 8.1 Diesel	[OM8365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
180.90 8.1 Diesel	[OM8365.25.5..]	05.87- 08.88	111686	14	65	01.84- 08.88	110522	12	3.0
45.66						01.85-	110813	12	2.7
500 DT	[8035.02.201]					06.73- 03.82	110813	12	2.7
						01.73-	113381	12	2.5
500S Diesel		06.78- 03.82	111180	14	33	01.78- 01.82	113381	12	2.5
						01.78- 01.82	110640	12	3.0
						06.73- 03.82	110813	12	2.7
540 DT	[8035.02.302]	06.78- 03.82	111180	14	33	01.70- 06.78	110813	12	2.7
55.46 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7
55.56						01.89-	110813	12	2.7
55.65 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7
55.66 2.7 Diesel	[8035.06...]					09.84-	110813	12	2.7
55.75						03.89-	110813	12	2.7
55.90 2.7 Diesel	[8035.06.200]					03.84-	110813	12	2.7
570 DT						12.77- 12.84	110813	12	2.7
580 DT						12.77- 02.84	110213	24	6.6
						12.77- 02.84	110529	12	3.0
60.46 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7
60.56						01.89-	110813	12	2.7
60.65 2.9 Diesel	[8035.05...]					09.84-	110813	12	2.7
60.66 2.9 Diesel	[8035.05...]					09.84- 08.88	110813	12	2.7
60.75						03.89-	110813	12	2.7
60.90 2.9 Diesel	[8035.05.200]					03.84- 08.88	110813	12	2.7
640 DT						10.72- 07.82	110529	12	3.0
65.46 3.6 Diesel	[8045.06..]					04.85- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
65.66 3.6 Diesel	[8045.06..]					06.87- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
65.90 3.6 Diesel	[8045.06..]					09.87- 08.88	110529	12	3.0
						04.85-	110813	12	2.7
665 C						06.82- 12.84	110529	12	3.0
670 DT						07.77- 02.84	110529	12	3.0
680 DT						07.77- 02.84	110529	12	3.0
70.65 3.6 Diesel	[8045.06..]					10.84- 08.88	110529	12	3.0
						09.84-	110813	12	2.7
70.66 3.6 Diesel	[8045.06..]					09.84- 08.88	110529	12	3.0
						09.84-	110813	12	2.7
70.90 3.6 Diesel	[8045.06..]					03.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
765 C						01.75- 12.84	110529	12	3.0
780 DT						01.75- 02.84	110529	12	3.0
80.65 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
80.66 3.9 Diesel	[8045.05...]					05.87- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
80.75						03.84-	110529	12	3.0
80.90 3.9 Diesel	[8045.05...]					03.84- 08.88	110529	12	3.0
						03.84-	110813	12	2.7
85.55 3.9 Diesel	[8045.05...]					10.84- 08.88	110529	12	3.0
						10.84- 06.89	110813	12	2.7
855 C						04.73- 12.84	110529	12	3.0
880-5						09.80- 08.82	110529	12	3.0
						09.82- 06.84	110522	12	3.0
90.90 4.9 Diesel	[8055.05.200]					06.84- 08.88	110522	12	3.0
95.55 4.9 Diesel	[8055.05.205]					10.84- 08.88	110522	12	3.0
F-100-F						01.84-	110522	12	3.0
F-110						01.84-	110522	12	3.0
F-120-F						01.84-	110522	12	3.0
F130						01.84-	110522	12	3.0
Various Models						06.72-	110813	12	2.7
						09.81- 12.82	110529	12	3.0
Fiat-Allis									
AGRICULTURE									
65 B 5.9 Diesel	[8061..]	01.86- 01.01	111419	28	55	01.86- 01.01	110521	24	4.0
FA 150 8.1 Diesel	[8365.25.542]					12.86- 03.99	110999	24	
FA 200						01.84- 12.89	110347	24	7.5
FD 14						04.84- 12.89	110347	24	7.5
FD 14E 8.1 Diesel	[8365.25.541]					12.88- 12.92	110999	24	
FD 20 5.9 Diesel	[8215.02.520]					03.84- 03.99	110347	24	7.5
FD 30C 17.0 Diesel	[8285.22.004]	10.90-	111419	28	55				
FE 16						10.83- 12.87	110521	24	4.0
FE 45						09.87-	110347	24	7.5



FIAT-ALLIS continued

FG 65 A						03.84- 01.88	110529	12	3.0
FH 400						11.89-	110347	24	7.5
FL 20						03.84-	110347	24	7.5
FR 130 5.9 Diesel	[8065.25..]	04.90- 04.05	111419	28	55				
FR 160 8.1 Diesel	[8365.25..]	07.90-	111419	28	55	07.90-	110999	24	
						01.80- 01.83	110522	12	3.0
FR 20						01.86- 12.90	110347	24	7.5
FR 20 B						01.86- 12.90	110347	24	7.5
FR 220 9.5 Diesel	[8465.21..]	01.91-	111419	28	55				
FR 7						12.82- 03.85	110517	24	3.2
						04.85- 04.88	110521	24	4.0
FR 9						12.82- 09.85	110521	24	4.0
Various Models Diesel		04.83- 03.89	110912	14	55	01.71- 01.75	111737	12	2.8
		01.72- 01.80	110504	14	90	01.80- 06.85	110531	24	6.6
		01.80-	110801	28	45	11.70- 12.82	110529	12	3.0
		01.74- 01.91	110639	14	36		113381	12	2.5
		01.70- 01.73	110075	14	60		110347	24	7.5
		01.83- 01.88	110952	28	40	12.86- 12.88	110521	24	4.0
		01.75- 12.84	111180	14	33	01.60-	111000	24	
			112992	28	70	06.83- 06.87	110210	24	6.6
						07.87- 06.89	110206	24	5.4
							111041	12	2.8
						01.72- 01.80	113534	12	3.0
						01.97	110640	12	3.0
							110208	24	5.4
						01.69- 01.70	110818	12	2.1
						03.85	110517	24	3.2
							110813	12	2.7
							110518	24	4.0
Various Models						01.70- 01.82	110520	24	4.0
Ford									
AGRICULTURE									
1320	[3-77]	01.87- 01.98	113562	14	40	01.87- 01.98	111703	12	2.0
						01.87- 01.98	112177	12	1.7
1520	[3-81]	01.87- 01.97	113562	14	40	01.87- 01.98	111703	12	2.0
						01.87- 01.98	112177	12	1.7
1530	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1620	[3-81]	01.91- 01.97	113562	14	40	01.92- 01.97	111703	12	2.0
						01.76- 01.79	112177	12	1.7
1630	[3-81]	01.96- 01.98	113562	14	40	01.97- 01.99	112177	12	1.7
1710							111275	12	2.0
						01.83- 01.87	112177	12	1.7
1715	[3-81]	01.93- 01.97	113562	14	40	01.93- 01.97	112177	12	1.7
1720	[3-91]	01.87- 01.02	113562	14	40	01.87- 01.02	112177	12	1.7
1725	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1910						01.84- 01.88	110552	12	1.2
1920	[4-122]	01.87- 01.02	113562	14	40	01.88- 01.98	113696	12	2.0
1925	[3-91]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
2000	[158CID.]	09.71- 02.72	111289	14	70	01.69- 12.74	110462	12	2.8
2120	[4-139]	01.87- 01.02	113562	14	40				
2600		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
		01.75- 01.86	111185	14	43				
3000	[175CID]	04.68- 12.74	110484			04.68- 12.74	110462	12	2.8
3415	[4-135]	01.93- 01.02	113562	14	40	01.93- 01.98	113696	12	2.0
3600	[175CID]	01.75- 01.86	111185	14	43	01.75- 12.81	110462	12	2.8
		01.75- 12.81	111363	14	45				
		01.75- 12.81	111739	14	55				
		01.88-	111740	14	70				
3610	[192CID]	01.81- 01.96	111739	14	55	01.81- 01.96	110462	12	2.8
		01.88- 01.96	111363	14	45				
3910						01.82- 01.84	110462	12	2.8
4000	[201CID]	01.68- 12.75	110484			01.68- 12.75	110462	12	2.8
4100	[183CID]	01.75- 01.86	111185	14	43	01.75- 12.81	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				
4110		01.88- 01.89	111739	14	55	01.81- 01.89	110462	12	2.8
		01.88- 01.89	111363	14	45				
4130		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8
		06.90- 06.05	111363	14	45				
4600	[201CID]	01.75- 01.86	111185	14	43	01.75- 12.78	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55				
		01.88-	111740	14	70				



4610		01.81- 01.89	111739	14 55	01.81- 01.89	110462	12 2.8
		01.88- 01.89	111363	14 45			
4830					06.90- 06.05	110462	12 2.8
5000	[256CID]	01.68- 01.71	110484		01.68- 12.77	110462	12 2.8
5600	[233CID]				01.75- 12.77	110462	12 2.8
5610	[256CID]				01.81- 12.91	110462	12 2.8
5640	[4-268D]	01.94- 01.97	113623	14 70			
		01.94- 01.97	113623	14 70	01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100			
6600	[256CID]	01.75- 01.86	111185	14 43	01.75- 01.81	110462	12 2.8
		01.88-	111363	14 45			
		01.88-	111739	14 55			
		01.88-	111740	14 70			
6610	[401CID]	01.81- 01.96	111739	14 55	01.81- 01.96	110462	12 2.8
		01.81- 01.91	111740	14 70			
		01.88- 01.96	111363	14 45			
6640		01.94- 01.97	113623	14 70	01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100			
6640		01.94- 01.97	113623	14 70			
6700		01.88-	111363	14 45			
		01.88-	111739	14 55			
		01.88-	111740	14 70			
7600		01.88-	111363	14 45			
		01.88-	111739	14 55			
		01.88-	111740	14 70			
		01.75- 01.86	111185	14 43			
7610		06.90- 06.05	111739	14 55	06.90- 06.05	110462	12 2.8
		06.90- 06.05	111363	14 45			
7700		01.88-	111363	14 45			
		01.88-	111739	14 55			
		01.88-	111740	14 70			
		01.75- 01.86	111185	14 43			
7710		01.87- 01.91	111740	14 70			
7740		01.94- 01.97	113623	14 70	01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100	01.86- 01.97	112074	12 3.1
7810		06.90- 06.05	111740	14 70	06.90- 06.05	110462	12 2.8
					01.96- 06.05	112074	12 3.1
7840		01.94- 01.97	113623	14 70	01.92- 01.97	110462	12 2.8
		01.92- 01.97	112718	14 100	01.96- 01.97	112074	12 3.1
8210		01.82- 01.91	110170	14 72	06.90- 06.05	110462	12 2.8
8240		01.94- 01.97	113623	14 70	01.92- 01.96	110462	12 2.8
		01.92- 01.96	112718	14 100	01.96- 01.96	112074	12 3.1
8340		01.94- 01.97	113623	14 70	01.96- 01.97	112074	12 3.1
		01.92- 01.97	112718	14 100	01.92- 01.97	110462	12 2.8
8600	[401CID]	01.75- 01.86	111185	14 43	01.75- 12.76	110462	12 2.8
		01.88-	111363	14 45			
		01.88-	111739	14 55			
		01.88-	111740	14 70			
8630		06.90- 06.05	111363	14 45	06.90- 06.05	110462	12 2.8
		06.90- 06.05	111739	14 55			
8670		01.94- 12.97	112996	14 115/130			
8700		01.88-	111739	14 55			
		01.75- 01.86	111185	14 43			
8730					06.90- 06.05	110462	12 2.8
8770		01.94- 12.97	112996	14 115/130			
8830					06.90- 06.05	110462	12 2.8
8870		01.94- 12.97	112996	14 115/130			
8970		01.94- 12.97	112996	14 115/130			
9280		01.94- 12.97	112996	14 115/130			
9480		01.94- 12.97	112996	14 115/130			
9680		01.94- 12.97	112996	14 115/130			
9700		01.75- 01.86	111185	14 43	01.77- 01.79	110462	12 2.8
		01.88-	111739	14 55			
9880		01.94- 12.97	112996	14 115/130			
TW 10					01.79- 01.82	110462	12 2.8
TW 15		01.83- 01.87	110170	14 72	01.83- 01.87	110462	12 2.8
TW 20		01.79- 01.82	110170	14 72	01.79- 01.82	110462	12 2.8
TW 25		01.83- 01.89	110170	14 72	01.83- 01.89	110462	12 2.8
TW 30					01.79- 01.82	110462	12 2.8
TW 35		01.83- 01.89	110170	14 72	01.83- 01.89	110462	12 2.8
Various Models		01.86- 01.92	111713	14 105		111300	12 1.4
		01.94- 01.98	113623	14 70		111798	24 7.8
		01.87- 01.02	113562	14 40		113728	6
		01.65-	110484		01.86- 12.88	113125	12



Fortschritt										
AGRICULTURE										
Various Models								110511	24	4.0
Goldoni										
AGRICULTURE										
25 1.0 Diesel	[12LD475]	11.90-	12.91	111662	14	33		11.90-	12.91	112034 12 1.7
35 1.3 Diesel	[8LD665.2]	03.91-		111662	14	33				
50 1.9 Diesel	[11LD626]	11.90-		111662	14	33				
60 2.0 Diesel	[VM-RA 394]	11.90-		110077	14	50				
		11.90-		110641	14	33				
149 0.6	[RF140]							06.84-	06.99	112034 12 1.7
238 1.6 Diesel		01.77-		111662	14	33				
245 1.9 Diesel	[11LD 625.3]	01.89-		111662	14	33				
718 0.7	[7LD665]							01.74-	06.82	113268 12 1.6
938 1.7 Diesel	[5LD 825.2]	09.88-	04.90	111662	14	33				
1038 1.7 Diesel		01.80-	12.85	111662	14	33				
1055 1.8 Diesel	[VM-RA 394]	03.87-	04.90	110641	14	33				
3050 1.8 Diesel	[VM-RA 394]	04.86-	06.91	110641	14	33				
3050 2.1 Diesel	[VM-HR 394]	06.91-		112768	14	55				
3070 2.1 Diesel	[VM-HR 394]	06.91-		112768	14	55				
		[VM-RA 394]	06.90- 06.91	110641	14	33				
3445 1.9 Diesel	[11LD 625.3]	10.88-		111662	14	33				
40 B 1.6 Diesel	[11LD 535.3]	06.91-		111662	14	33				
50 B 1.9 Diesel	[11LD 626.3]	06.91-		111662	14	33				
55 B 2.0 Diesel	[VM-HR 394HP]	09.91-		112768	14	55				
933 DT 1.3 Diesel	[8LD665.2]	09.88-		111662	14	33				
945 DT 1.9 Diesel	[11LD 625.3]	04.90-		111662	14	33				
945 RS 1.9 Diesel	[11LD 625.3]	04.90-		111662	14	33				
Cingolato C45 2.0 Diesel	[VM-RA 394]	04.91-		110641	14	33				
		04.91-		112768	14	55				
Cingolato C60 3.0 Diesel	[VM-SUN 3105]	04.91-		110641	14	33				
		04.91-		112768	14	55				
FC90D 0.4	[6LD..]							04.91-	02.92	112034 12 1.7
Various Models								01.74-	06.82	113268 12 1.6
										112171 12 1.1
								01.74-		112034 12 1.7
								06.91-		110844 12 2.2
								04.82-		110813 12 2.7
										113381 12 2.5
Hattat Tarim										
AGRICULTURE										
A-Series								114388	12	3.2 IS
								113655	12	3.0 MA
Hitachi										
AGRICULTURE										
Zaxis 135US	[4BG1TC]							114324	24	4.5
Zaxis 200 Forester	[6BG1T]	01.99-		113886	28	50				
Zaxis 250 Forester	[6BG1T]	01.99-		113886	28	50				
Hough										
AGRICULTURE										
Various Models								01.89-		112668 12 2.5
Huerlimann										
AGRICULTURE										
Various Models								03.79-		110530 12 3.0
Iseki										
AGRICULTURE										
234		01.82-	01.84	111042	14	35				
235		01.85-	01.90	111042	14	35				
244		01.82-	01.84	111042	14	35				
245		01.85-	01.90	111042	14	35				
254		01.82-	01.84	111042	14	35				
255		01.85-	01.90	111042	14	35				
265		01.85-	01.90	111042	14	35				
275		01.85-	01.90	111042	14	35				
325				113700#	14	50				
				113699	14	40				
530				111048	14	40				
				113921	14	40				
2140				111042	14	35				110933 12 1.4
4451										111683 12 2.0
SL 3410 3610 3615 3645	[3KC1, 3KR1]							01.85-	01.92	111098 12 1.0
Various Models										110933 12 1.4
Jacobsen										
AGRICULTURE										
Lawn Mower	[VM Motori]							114055	12	2.3



JCB										
AGRICULTURE										
Excavators	[Isuzu 6BG1]								114483	24 4.5
Various Models									114320	12 3.0
									114264	12 4.2
John Deere										
AGRICULTURE										
316	[Onan]					01.84-	01.92		113015	12
318	[Onan]					01.84-	01.92		113015	12
420	[Onan]					01.83-	01.91		113015	12
482 Cotton Pickers						01.80-	01.83		111221	12 2.5
484 Cotton Pickers						01.80-	01.83		111221	12 2.5
985 7.6						03.87-	03.02		111224	12 4.0
1032 4.0		10.83-	06.89	110105	14 55	10.92-	10.98		111755	12 3.0
1042 4.0		10.83-	06.89	110105	14 55	10.92-	10.98		111755	12 3.0
1052 4.0		10.83-	06.89	110105	14 55	10.92-	10.98		111755	12 3.0
1055 5.9		10.83-	06.89	110105	14 55	10.92-	10.98		111755	12 3.0
1065 5.9		03.94-		111215	14 120					
		03.94-		113632	14 85					
		03.94-		113531	14 120					
1068 5.9		03.94-		111215	14 120	01.92-	10.96		111755	12 3.0
		03.94-		113632	14 85					
		03.94-		113531	14 120					
1072 5.9		03.94-		111215	14 120					
		03.94-		113632	14 85					
		03.94-		113531	14 120					
1075 5.9		03.94-		111215	14 120	10.81-	12.96		111755	12 3.0
		03.94-		113632	14 85					
		03.94-		113531	14 120					
1085 7.6		03.94-		111215	14 120	02.82-	02.97		111755	12 3.0
		03.94-		113632	14 85					
		03.94-		113531	14 120					
1200	[Kawasaki]								113734	12 0.6
1445 Diesel Mower	[Yanmar]								114400	12 1.0
1545 Diesel Mower	[Yanmar]								114400	12 1.0
2254						01.85-	01.92		111755	12 3.0
2256						01.85-	01.92		111755	12 3.0
2264						01.85-	01.92		111755	12 3.0
2266						01.85-	01.92		111755	12 3.0
2450						01.85-	01.92		111755	12 3.0
2630						01.74-	01.75		111221	12 2.5
2640						01.76-	01.82		111221	12 2.5
2650						01.85-	01.92		111755	12 3.0
2850						01.85-	01.92		111755	12 3.0
3120				113742	14 40					
3320				113742	14 40					
3520				113742	14 40					
3650						01.85-	01.92		111755	12 3.0
4055 7.6	[6076 TRW-06]	01.89-	06.92	111215	14 120					
4120	[4024T]								113900	12 2.5
4200				113742	14 40					
4210				113742	14 40					
4255 7.6	[6076 TRW..]	01.89-	06.92	111215	14 120					
4300				113742	14 40					
4310				113742	14 40					
4320	[4024T]								113900	12 2.5
4400				113742	14 40					
4410				113742	14 40					
4450 7.6		05.83-	12.88	110445	14 90	05.83-	12.88		111224	12 4.0
4455	[6076 TRW..]	01.89-	06.92	110445	14 90	01.89-	06.92		111224	12 4.0
4500				113742	14 40					
4510				113742	14 40					
4520	[4024T]								113900	12 2.5
4600				113742	14 40					
4610				113742	14 40					
4700				113742	14 40					
4710				113742	14 40					
4720	[4024T]								113900	12 2.5
4755 7.6	[6076 TRW..]	01.89-	05.94	111215	14 120					
4955 7.6	[6076 A]	09.89-	01.92	111215	14 120					
5210									113478	12 2.8
5225									113900	12 2.5
5310									113478	12 2.8
5325									113900	12 2.5
5410									113478	12 2.8
6020		01.94-		112529	14 90					

JOHN DEERE *continued*

6100 4.5			113632	14 85		
6110 4.5	01.97-		112062	14 115		
6120 4.5	01.94-		112529	14 90		
	01.94-		113949	14 150		
6200 3.9			113632	14 85		
6205					01.94-	112442 12 3.0
6220 3.9	01.94-		112529	14 90		
	01.94-		113949	14 150		
6230 4.5			114681	14 90		
6320 3.9			112062	14 115	01.94-	113478 12 2.8
	01.94-		112529	14 90		
	01.94-		113949	14 150		
6330 4.5			114681	14 90		
6420 4.5			112062	14 115		
	01.94-		112529	14 90		
	01.94-		113949	14 150		
6430 4.5			114681	14 90		
6505					01.94-	112442 12 3.0
6506						112442 12 3.0
6510					01.94-	112442 12 3.0
6520	01.94-		113949	14 150	01.94-	112442 12 3.0
	01.94-		112529	14 90		
6610					01.94-	112442 12 3.0
6620	01.94-		112529	14 90	01.94-	112442 12 3.0
			112062	14 115		
	01.94-		113949	14 150		
6810 10.0					08.91-	112442 12 3.0
6820	01.94-		112529	14 90	01.94-	112442 12 3.0
6910	01.97-		112062	14 115	01.94-	112442 12 3.0
6920	01.94-		112529	14 90	01.94-	112442 12 3.0
			112062	14 115		
	01.94-		113949	14 150		
7130			114681	14 90		
7230			114681	14 90		
7430	09.06-		113707	14 200		
7530	09.06-		113707	14 200		
7710	01.96-		111830	14 140		
7800 7.6	09.92- 01.96		111830	14 140		
7810	01.96-		111830	14 140		
8120 7.6	[6076 HRW35]	01.01-	113899	14 150		
		08.94-	111830	14 140		
8120 8.1	[6081 HRW06]	03.96-	111830	14 140		
8220 7.6	[6076 HRW35]	01.01-	113899	14 150		
		08.94-	111830	14 140		
8320		01.01-	113899	14 150		
8420		01.01-	113899	14 150		
8520		01.01-	113899	14 150		
9630			114211	14 200		
9910 Cotton Pickers					01.79- 01.83	111221 12 2.5
9920 Cotton Pickers					01.83- 01.83	111221 12 2.5
100F 3.0 Diesel Orchard	[VM Motori]					114055 12 2.3
6420 S 4.5			112062	14 115		
	01.94-		112529	14 90		
	01.94-		113949	14 150		
76F 2.7 Diesel Orchard	[VM Motori]					114055 12 2.3
85F 2.7 Diesel Orchard	[VM Motori]					114055 12 2.3
AMT 622					01.88- 01.90	113734 12 0.6
AMT 626					01.90- 01.92	113734 12 0.6
GT225	[Kohler]					112546 12 0.6
L105	[Briggs & Stratton]					113853 12
LX173	[Kohler]				01.96- 01.96	112546 12 0.6
LX255	[Kohler]					112546 12 0.6
STX30	[Kohler]				01.89- 01.93	112546 12 0.6
STX38	[Kohler]				01.89- 01.93	112546 12 0.6
Various Models			113975	14 150		110552 12 1.2
	03.71- 03.88		111649	14 33		113983 12 3.0
	01.88- 01.95		111713	14 105		114197 12 1.1
			111215	14 120		114195 12 3.0
	01.81- 01.97		113632	14 85		114459 12 4.8
	01.98-		112160	28 75		111254 24 4.5
	01.94- 01.98		113401	14 40		112246 12 0.6
	01.92- 01.98		113531	14 120	01.79- 01.82	112568 12
	01.99- 01.03		113543	14 55		113007 24 4.0
	01.98-		111647	28 60		110412 12 2.2
	01.88- 01.95		112996	14 115/130	09.67- 10.86	111755 12 3.0
	01.99- 01.03		113542	14 55		113736 12 4.8



		09.79- 10.86	110105	14 55		113853	12
			114211	14 200		111087	12 1.0
			114263	14 50		110510	12 0.5
			114379	14 150		113539	12
			114518	14 55		113596	12 0.6
						113597	12 0.6
						113663	12 0.7
					01.89- 01.96	113017	12
					01.66- 01.83	112564	12
Various Models	[Kawasaki]					113734	12 0.6
						114486	12
						114401	12 1.2
KHD							
AGRICULTURE							
DX250 9.6	[01.82]					114437	24 5.4
Various Models						114676	12 2.2
Kubota							
AGRICULTURE							
F2260						114485	12 1.0
F2560						114485	12 1.0
L2250	[D1302]				01.85- 01.90	113893	12 1.2
L2500	[D1403]					113893	12 1.2
L2550	[D1402]				01.85- 01.96	113893	12 1.2
L2650	[D1402]				01.90- 01.96	113893	12 1.2
L2800	[D1403]					113893	12 1.2
L2900	[D1503]				01.94- 01.98	113893	12 1.2
L2950	[D1462]				01.91- 01.93	113893	12 1.2
L3010	[D1503]				01.98- 01.02	113893	12 1.2
L3130	[D1503]				01.03- 01.05	113893	12 1.2
L3300	[D1703]				01.94- 01.98	113893	12 1.2
L3400	[D1703]					113893	12 1.2
L3410	[D1703]				01.98- 01.02	113893	12 1.2
L3430	[D1703]				01.03- 01.05	113893	12 1.2
L35	[D1703]					113893	12 1.2
M7580DT	[V4302]	01.91- 12.98	114515	14 45			
M8580DT	[V4702A]	01.91- 12.98	114515	14 45			
Various Models			114515	14 45		114501	12 1.0
Lamborghini							
AGRICULTURE							
105 Diesel Formula	[1004.4]				03.89- 12.99	111001	12 3.0
115 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	111001	12 3.0
135 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	110530	12 3.0
165 6.0 Diesel Racing	[1000.6]	05.91-	111686	14 65	05.91- 12.99	110530	12 3.0
190 6.0 Diesel Rasing	[1000.6]	01.92-	111686	14 65	01.92- 12.99	110530	12 3.0
775 4.0 Diesel	[1000.4]	06.87- 12.99	110882	14 45	06.87- 12.99	110530	12 3.0
					06.87- 12.99	111001	12 3.0
804 4.6	[FL1104]				06.73- 12.79	110551	12 3.0
904 5.0	[FL1154]				03.73- 12.79	110551	12 3.0
1106 5.5 Diesel 2RM	[916.6]	01.84- 05.85	110882	14 45			
1306 5.5 TD DT	[916.6]	01.84- 05.85	110882	14 45			
1506 6.8 TD	[1106HT]	01.84- 05.85	110882	14 45			
1706 6.8 TD	[1106]	01.84- 05.85	110882	14 45			
660 F 3.0 Diesel	[1000.3]				06.87- 12.99	111001	12 3.0
674-70 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
674-70 N 4.0 Diesel	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12 3.0
					06.86- 12.95	111001	12 3.0
674-70 N 4.0 Diesel Bosso	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12 3.0
					06.86- 12.95	111001	12 3.0
774-80 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	111001	12 3.0
					06.86- 12.99	110530	12 3.0
774-80 DT 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
774-80 N 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
874-90 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0
956 DT 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45	01.84- 12.99	111001	12 3.0
					01.84- 12.99	110868	12 1.1
956-2 RM 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45			
C 554 2.8 Diesel	[100.3P]	06.87- 12.00	111180	14 33			
C 664 3.1 Diesel					06.87- 12.00	111001	12 3.0
C 774-80 4.0 Diesel	[1000.4]	06.86- 12.00	110882	14 45	06.86- 12.00	110530	12 3.0
					06.86- 12.00	111001	12 3.0
C 874-90 4.0 Diesel	[1000.4]	09.90- 12.00	110882	14 45	09.90- 12.00	111001	12 3.0
C603 3.1	[FL1104]				06.73- 06.76	110551	12 3.0

**LAMBORGHINI continued**

R 235 S 1.8 Diesel		01.83- 09.90	111649	14 33		
R 513 2.7 Diesel	[983L]	03.83- 12.95	111180	14 33		
R704 4.6	[FL1104]				06.73- 04.78	110551 12 3.0
Various Models		01.84- 08.85	110882	14 45		
		06.78- 12.95	111180	14 33		
		03.71- 03.84	110641	14 33		
		07.86- 12.99	111686	14 65		
		04.81- 01.85	111649	14 33		
		12.80- 12.84	110890	14 55		

Landini**AGRICULTURE**

55 2.7	[Perkins]		113474	14 65		
60 2.7	[Perkins]		113474	14 65		
60	[Perkins]		113474	14 65		
65 2.7	[Perkins]		113474	14 65		
65 4.0	[Perkins]		113474	14 65		
70 4.0	[Perkins]		113474	14 65		
75 4.2	[Perkins]		113474	14 65		
80 4.0	[Perkins]		113474	14 65		
80 4.2	[Perkins]		113474	14 65		
80	[Perkins]		113474	14 65		
90 4.0	[Perkins]		113474	14 65		
90 4.2	[Perkins]		113474	14 65		
100 4.0	[Perkins]		113474	14 65		
100 4.0 GT	[Perkins]		113474	14 65		
100 4.2	[Perkins]		113474	14 65		
5860 2.7	[Perkins]		113474	14 65		
Various Models 4.0	[Perkins]		113474	14 65		
Various Models					114107	12 3.2
4.0	[Perkins]		113474	14 65		
	[Perkins]		113474	14 65		

Laverda**AGRICULTURE**

3400		05.89-	111419	28 55		
3500		05.89-	111419	28 55		
3790		06.85-	111686	14 65		
3850		01.91-	111686	14 65		
3900		01.83- 12.85	112097	28 30		
L 521		03.92-	111686	14 65		
L 624		03.92-	111686	14 65		
MX 300		03.87- 10.90	112097	28 30		

Lombardini**AGRICULTURE**

Various Models 1.7		02.82- 11.86	111662	14 33		
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Long**AGRICULTURE**

350 2.3	[Fiat]				05.74- 12.89	110640 12 3.0
445 2.3	[Fiat]				05.74- 12.89	110640 12 3.0
550 3.1	[Fiat]				05.74- 12.89	110640 12 3.0

Mahindra**AGRICULTURE**

Various Models	Tractor.		113683	14 36		112163 12 2.0
						113670 12 2.2

Marshall**AGRICULTURE**

D 100 5.2 Diesel	[WD611.88]	01.90- 09.94	113469	14 33		
D 135 6.6 Diesel	[WD612.87]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 150 6.6 Diesel	[WD612.86]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 642 3.5 Diesel	[WD411.44]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 644 3.5 Diesel	[WD411.44]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 742 3.5 Diesel	[WD411.90]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 744 3.5 Diesel	[WD411.90]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 842 3.5 Diesel	[WD411.88]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 844 3.5 Diesel	[WD411.88]	01.90-	110881	14 55		
		01.90- 09.94	113469	14 33		
D 944 5.2 Diesel	[WD611.43]	01.90- 09.94	113469	14 33		
Various Models		10.94-	110881	14 55		
		01.90-	113469	14 33		



Massey Ferguson									
AGRICULTURE									
152	01.81- 01.89	111948	14 70						
184	01.85- 01.89	110770	14 55		01.85- 01.89	111346	12 2.8		
194	01.82-	111948	14 70						
240 2.5	01.77-	110970	14 65		01.79- 12.88	110819	12 2.8		
245 2.5	01.79- 12.88	111948	14 70		01.79- 12.88	110439	12 2.0		
	01.77-	110970	14 65		01.77- 12.88	110819	12 2.8		
	01.79- 12.88	111948	14 70		01.72- 12.78	112268	12 2.8		
					01.77- 12.88	110439	12 2.0		
254 2.5	01.73- 12.88	110178	14 36		01.73- 12.78	112268	12 2.8		
	Perkins AD3.152 01.77-	110970	14 65		01.82- 01.87	110460	12 2.8		
	01.84-	110770	14 55						
	01.79- 12.88	111948	14 70						
255 2.5	01.77-	110970	14 65		01.77- 12.88	110819	12 2.8		
	01.77- 12.88	111948	14 70		01.72- 12.78	112268	12 2.8		
					01.77- 12.88	110439	12 2.0		
260 3.3	01.77-	110970	14 65						
	01.72- 01.75	111948	14 70						
265	01.70-	110970	14 65						
	01.81- 12.88	111948	14 70						
274 3.9	01.84-	110770	14 55		01.83- 12.88	110565	12 2.8		
	01.77-	110970	14 65		01.82- 01.86	110460	12 2.8		
	01.83- 12.88	111948	14 70						
275	01.77-	110970	14 65						
	01.75- 12.88	111948	14 70						
284 3.9	01.75-	110970	14 65						
	01.79- 12.88	111948	14 70						
285	01.77-	110970	14 65		01.79- 12.88	110442	12 2.1		
	01.79- 12.88	111948	14 70		A13 01.79- 12.88	111346	12 2.8		
290	01.80-	111948	14 70						
294	01.84-	110770	14 55						
298	01.80- 01.86	111948	14 70		01.80-	110442	12 2.1		
					01.80-	111346	12 2.8		
350	01.86- 01.92	111355	14 65		01.86-	110819	12 2.8		
	01.86- 01.92	110770	14 55		01.86- 01.92	110439	12 2.0		
354	01.92- 01.97	111289	14 70						
355	01.86- 01.92	111355	14 65		01.86-	110819	12 2.8		
	01.86- 01.92	110770	14 55		01.86- 01.92	110439	12 2.0		
360	01.87- 01.90	111355	14 65		01.83-	110819	12 2.8		
	01.87- 01.90	110770	14 55						
362	01.88-	111355	14 65						
364	01.92- 01.97	111289	14 70						
365	01.86- 01.90	111355	14 65		01.86- 01.90	110442	12 2.1		
	01.86- 01.90	110770	14 55		A13 01.86- 01.90	111346	12 2.8		
375	01.86- 01.97	110770	14 55		A13 01.86- 01.97	111346	12 2.8		
	01.86- 01.97	111355	14 65		01.86- 01.97	110442	12 2.1		
383	01.86-	110770	14 55		01.83-	110442	12 2.1		
					01.83-	111346	12 2.8		
390	01.86- 01.97	111355	14 65		A13 01.86- 01.97	111346	12 2.8		
	01.86- 01.97	110770	14 55		01.86- 01.97	110442	12 2.1		
398	01.83- 01.84	110770	14 55		A13 01.83- 01.84	111346	12 2.8		
	01.83- 01.84	111355	14 65		01.83- 01.84	110442	12 2.1		
	01.83- 01.84	110362							
399	01.86- 01.90	111355	14 65		01.86- 01.90	110442	12 2.1		
	01.86- 01.90	110770	14 55		A13 01.86- 01.90	111346	12 2.8		
					01.90- 01.96	111737	12 2.8		
550		110107	14 55		01.74- 01.81	110439	12 2.0		
	01.78- 01.92	111736	14 90		01.74- 01.81	110819	12 2.8		
565	01.82- 12.88	111948	14 70						
	01.82- 12.88	110107	14 55						
575	01.81- 12.88	111948	14 70						
	01.81- 12.88	110107	14 55						
685					01.69- 01.71	110443	12 2.1		
698	01.81-	110107	14 55		01.83-	110442	12 2.1		
	01.83-	110770	14 55		A13 01.83-	111346	12 2.8		
699	01.83-	110770	14 55		01.83-	110442	12 2.1		
	01.83-	113474	14 65		01.83-	111346	12 2.8		
850	01.81- 01.90	111736	14 90						
860	01.81- 01.90	111736	14 90						
865	01.81- 01.90	111736	14 90						
1014	01.83-	110770	14 55						
	01.83-	111185	14 43						
1114	01.84-	110770	14 55						
1134	01.84-	110770	14 55						

MASSEY FERGUSON *continued*

1200	[Kohler]	01.71- 01.79	111185	14 43		01.71- 01.82 01.71- 01.79	110814 111737	12 2.7 12 2.8
1250		01.79-	113474	14 65		01.79-	111346	12 2.8
2640		04.82-	110970	14 65		01.79- 01.85	112136	12 2.8
		01.81- 01.85	111948	14 70				
		01.81- 01.85	110107	14 55				
3055	[Perkins]					01.94- 01.97	110615	12 2.8
3075	[Perkins]					01.94- 01.97	110615	12 2.8
3085		01.88- 01.93	112722	14 70		01.88-	110443	12 2.1
						01.92- 01.93	111737	12 2.8
3085		01.92-	111355	14 65				
3095		01.90-	111355	14 65				
3115		01.90-	111355	14 65				
3120	[Perkins]					01.90- 01.97	110615	12 2.8
3125		01.90-	111355	14 65				
3140	[Perkins]					01.90- 01.95	110615	12 2.8
3635		01.92- 01.95	111940	14 70		01.92- 01.95	110443	12 2.1
3645		01.86- 01.91	111355	14 65		01.89- 01.91	110615	12 2.8
		01.89- 01.91	112722	14 70				
3650		01.86- 01.90	111716	14 70		01.86- 01.90	112136	12 2.8
		01.86- 01.90	111948	14 70				
		01.86- 01.90	110107	14 55				
3655		01.90- 01.95	112722	14 70		01.90- 01.95	110615	12 2.8
						01.90- 01.94	111737	12 2.8
3660	[Perkins]					01.90- 01.95	110615	12 2.8
3670	[Valment]					01.92- 01.94	110615	12 2.8
3680 7.4	[612DS]	06.88-	111355	14 65 LU		06.89- 01.91	111737	12 2.8
		06.88-	111948	14 70 PR		06.88-	110615	12 2.8
3690	[Valment]					01.93- 01.97	110615	12 2.8
3890	[Valment]					01.87- 01.92	110615	12 2.8
4225		01.97-	110770	14 55				
4235		01.97-	110770	14 55				
4240		01.97-	110770	14 55				
4245		01.97- 01.00	110770	14 55				
		01.97- 01.00	111355	14 65				
4255		01.97- 01.00	111355	14 65		01.97- 01.00	111346	12 2.8
4260		01.97-	110770	14 55				
4265		01.97-	110770	14 55				
4270		01.97-	110770	14 55		01.97-	110565	12 2.8
6110		01.92-	111716	14 70				
		01.92-	111940	14 70				
		01.92-	113961	14 120				
6120		01.92-	111716	14 70				
		01.92-	111940	14 70				
		01.92-	113961	14 120				
6130		01.92-	111716	14 70				
		01.92-	111940	14 70				
		01.92-	113961	14 120				
6140		01.92-	111716	14 70				
		01.92-	111940	14 70				
		01.92-	113961	14 120				
6150		01.92-	111716	14 70				
		01.92-	111940	14 70				
		01.92-	113961	14 120				
6160		01.96-	111940	14 70 PR				
		01.96-	112722	14 70 LU				
		01.96-	113961	14 120				
6170	[6.365]	01.96-	111940	14 70 PR		01.96-	110615	12 2.8
		01.96-	112722	14 70 LU				
		01.96-	113961	14 120				
6180	[6.365]	01.96-	111940	14 70 PR		01.96-	110615	12 2.8
		01.96-	112722	14 70 LU				
		01.96-	113961	14 120				
6190		01.96-	111940	14 70 PR		01.95- 01.98	110615	12 2.8
		01.96-	112722	14 70 LU				
		01.96-	113961	14 120				
6235			113961	14 120 VA			110439	12 2.0
			114049	14 120 IS				
6245			113961	14 120 VA			110439	12 2.0
			114049	14 120 IS				
6255			113961	14 120 VA			110439	12 2.0
			114049	14 120 IS				
6260			113961	14 120				
6270			114049	14 120 IS		01.99- 01.00	110615	12 2.8
			113961	14 120 VA				



6280		01.99-	112722	14 70	01.99- 01.00	110615	12 2.8
		01.99-	113961	14 120 VA			
		01.99-	114049	14 120 IS			
6290		01.99-	112722	14 70	01.99- 01.00	110615	12 2.8
		01.99-	113961	14 120			
8110		01.96-	111940	14 70			
		01.96-	113961	14 120			
8120	[6.365]	01.96-	111940	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8130		01.96-	111940	14 70			
		01.96-	113961	14 120			
8140	[6.403]	01.96-	111940	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8150	[6.403]	01.96-	111940	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8160	[6.451]	01.96-	111940	14 70	01.96-	110615	12 2.8
		01.96-	113961	14 120			
8170			113961	14 120			
8180			113961	14 120			
8210			113961	14 120	01.99- 01.00	110615	12 2.8
8220			113961	14 120	01.99- 01.00	110615	12 2.8
8240		01.99-	113961	14 120	01.99-	110615	12 2.8
8240			113961	14 120		110615	12 2.8
					01.99-	111737	12 2.8
8250		01.99-	113961	14 120	01.99-	110615	12 2.8
8250		01.99-	113961	14 120	01.99-	110615	12 2.8
					01.99-	111737	12 2.8
8260		01.99-	113961	14 120	01.99-	110615	12 2.8
8260			113961	14 120		110615	12 2.8
					01.99-	111737	12 2.8
8270		01.99-	113961	14 120	01.99-	110615	12 2.8
					01.99-	111737	12 2.8
8280		01.99-	113961	14 120	01.99-	110615	12 2.8
					01.99-	111737	12 2.8
8560		01.86- 01.88	111736	14 90			
			113961	14 120			
8570		01.90- 01.92	111736	14 90			
			113961	14 120			
8590		01.85- 01.92	111736	14 90			
			113961	14 120			
9270		01.92-	111736	14 90			
9720		01.87- 01.92	111736	14 90			
216 GTX	[Kohler]				01.91- 01.94	113230	12 0.7
218 GTX	[Kohler]				01.91- 01.94	113230	12 0.7
390 T		01.91- 01.97	111355	14 65	01.91- 01.97	110442	12 2.1
		01.91- 01.97	110770	14 55	A13 01.91- 01.97	111346	12 2.8
Various Models		01.76- 12.83	112989	14 60	01.71- 01.79	111737	12 2.8
		01.81- 01.92	111736	14 90	01.73- 01.81	112313	12 0.5
			110970	14 65	01.68- 01.77	110449	12 3.6
		01.77-	111948	14 70	01.51-	110818	12 2.1
		01.73-	110107	14 55	01.82- 01.92	110460	12 2.8
		01.73-	111184	14 43	01.69- 01.77	110615	12 2.8
		01.83- 01.89	110770	14 55	01.69- 01.81	110439	12 2.0
		01.79- 01.83	110178	14 36	01.70-	110565	12 2.8
		01.51-	114360	14 70	01.79-	112136	12 2.8
			113961	14 120	01.69- 01.73	110443	12 2.1
					01.69-	110819	12 2.8
					01.91- 01.94	111012	12 0.5
					01.50-	111024	12 3.6
					01.73- 01.78	111346	12 2.8
					01.90-	114107	12 3.2
Matbro							
AGRICULTURE							
Various Models						110462	12 2.8
						110443	12 2.1
						110442	12 2.1
						113269	12 3.0
Mccormick							
AGRICULTURE							
Various Models						114107	12 3.2
Mercedes-Benz							
AGRICULTURE							
700 3.8	[OM314.956]	07.73- 12.75	111141	14 55	04.74- 12.75	110525	12 3.0
	[OM314.957]				03.74- 12.75	110525	12 3.0
700 4.0	[OM364.908]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
800 3.8	[OM314.957]	07.73- 12.75	111141	14 55	03.74- 12.75	110525	12 3.0

**MERCEDES-BENZ continued**

800 4.0	[OM364.909]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
900 3.8	[OM314.970]	09.81- 12.82	111141	14 55	09.81- 12.82	110525	12 3.0
900 4.0 Turbo	[OM364.951]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
1000 5.7	[OM353.985]	12.82- 03.87	111141	14 55	12.82- 03.87	110525	12 3.0
1000 6.0	[OM366.908]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
	[OM366.912]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
1100 5.7	[OM353.949]	03.79- 03.87	111141	14 55	01.81- 03.87	110525	12 3.0
1100 6.0	[OM366.908]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
	[OM366.912]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
1300 5.7	[OM353.957]	10.76- 03.87	111141	14 55			
1300 6.0	[OM366.958]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
	[OM366.977]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
1400 6.0	[OM366.958]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
	[OM366.977]	03.87- 12.91	111141	14 55	03.87- 12.91	110525	12 3.0
1500 5.7	[OM353.976]	07.80- 03.87	111141	14 55	07.80- 03.87	110525	12 3.0
1600 6.0	[OM366.954]	06.90- 12.91	111141	14 55	06.90- 12.91	110525	12 3.0
65/70 3.8	[OM314.956]	07.73- 12.75	112098	14 65	03.74- 12.75	110525	12 3.0
Mitsubishi							
AGRICULTURE							
Various Models Tractors			111832	14 40		110210	24 6.6
New Holland							
AGRICULTURE							
840		02.01-	113898	14 185			
		02.01-	113176				
1320	[3-77]	01.87- 01.98	113562	14 40	01.87- 01.98	112177	12 1.7
1520	[3-81]	01.87- 01.97	113562	14 40	01.87- 01.97	112177	12 1.7
1530	[3-81]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7
1620	[3-81]	01.91- 01.97	113562	14 40	01.76- 01.79	112177	12 1.7
1630	[3-81]	01.96- 01.98	113562	14 40	01.97- 01.99	112177	12 1.7
1715	[3-81]	01.87- 01.97	113562	14 40	01.93- 01.97	112177	12 1.7
1720	[3-81]	01.87- 01.02	113562	14 40	01.87- 01.02	112177	12 1.7
1725	[3-81]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7
1920	[4-122]	01.87- 01.02	113562	14 40			
1925	[3-91]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7
2100	[Caterpillar 3406]				01.85-	110462	12 2.8
					01.85- 01.90	112089	12
2110 4-138	[Shibaura Diesel]					110462	12 2.8
2115	[Caterpillar 3406]				01.87-	110462	12 2.8
					01.87- 01.96	112089	12
2120	[4-138]	01.87- 01.02	113562	14 40	01.87-	110462	12 2.8
3415	[4-135]	01.93- 01.02	113562	14 40	01.93-	110462	12 2.8
4635	[Ford]	09.95- 12.98	111739	14 55	09.95- 12.98	110462	12 2.8
		Ford 09.95- 12.98	111363	14 45			
4835	[Ford]				09.95- 12.98	110462	12 2.8
5635	[Ford]				09.95- 12.98	110462	12 2.8
5640 4.4		11.91- 01.98	112718	14 100	11.91- 01.98	110462	12 2.8
6635	[Ford]	09.95- 12.98	111355	14 65			
6640 5.0		11.91- 01.98	112718	14 100	11.91- 01.98	110462	12 2.8
7635	[Ford]	09.95- 12.98	111355	14 65	09.95- 12.98	110462	12 2.8
7740 5.0		11.91- 01.98	112718	14 100	11.91- 01.98	110462	12 2.8
7840 6.6		11.91- 12.98	112718	14 100	11.91- 12.98	110462	12 2.8
8080	[M10Y]				01.79- 01.85	110539	12 3.6
8160		09.95-	113529	14 120	09.95-	113968	12 3.6
8240 7.5		11.91- 12.96	112718	14 100	11.91- 12.96	110462	12 2.8
8260		09.95-	113529	14 120	09.95-	113968	12 3.6
8340 7.5		11.91- 07.98	112718	14 100	11.91- 07.98	110462	12 2.8
8360		09.95-	113529	14 120	09.95-	113968	12 3.6
8430 5.9	[8065.25..]				04.94-	110522	12 3.0
8560		09.95-	113529	14 120	09.95-	113968	12 3.6
8630 8.1	[8365.25..]				04.94-	110522	12 3.0
8830 8.1	[8365.25..]				04.94-	110522	12 3.0
9030		01.90- 01.97	111713	14 105			
9282		01.96- 12.97	112996	14 115/130			
9482		01.96- 12.97	112996	14 115/130			
9682		01.96- 12.97	112996	14 115/130			
9882		01.96- 12.97	112996	14 115/130			
8000 Series	[Ford]	01.85-	113574	14 65			
		09.95- 12.01	112718	14 100			
		09.95-	113529	14 120			
M SERIES			110178	14 36	09.95-	112074	12 3.1
		09.95-	113529	14 120			
		09.95-	112718	14 100			
NH 95	[M8Y]				01.96-	112074	12 3.1
TC Various Models			113562	14 40		112177	12 1.7
TG210 8.3			112773	14 135			
			113999	14 150 IS			



TG230 8.3			112773	14	135			
			113999	14	150 IS			
TG255 8.3			112773	14	135			
			113999	14	150 IS			
TG285 8.3			113999	14	150 IS			
			112773	14	135			
TJ275 8.3			112773	14	135			
			113999	14	150 IS			
TJ325 8.9			112773	14	135			
			113999	14	150 IS			
TJ375 15.0			112773	14	135			
			113999	14	150 IS			
TJ425 15.0			112773	14	135			
			113999	14	150 IS			
TJ450 15.0			112773	14	135			
			113999	14	150 IS			
TJ500 15.0			112773	14	135			
			113999	14	150 IS			
TL Series	10.98-		114669	14	65	09.97-	113182	12 3.0
	10.98-		114384	14	85			
TM SERIES	11.99-		113529	14	120			
TS 115	07.03-		112718	14	100			
TV 140	01.98-		112718	14	100			
TX34							113125	12
Various Models			113621	14	115		114021	12 3.0
			114450	14	120		114050	12 4.2
							114196	24 4.0
							114399	12 2.7
Payloader								
AGRICULTURE								
Various Models						01.69- 06.76	110523	24 4.8
						01.69- 01.75	110438	12 2.1
						01.69- 12.85	111752	12 2.7
Renault Agriculture								
AGRICULTURE								
610 RX,RZ	[6059D]		114513	14	95			
620 RX,RZ	[6068D]		114513	14	95			
630 RX,RZ	[6068T]		114513	14	95			
640 RZ	[6068T]		114513	14	95			
710	[DPSG-6068T1]		114514	14	95		113532	12 3.0
720	[DPSG-6068T2]						113532	12 3.0
725 6.8	[HRT51]		114514	14	95		113532	12 3.0
735 6.8	[HRT52]		114514	14	95		113532	12 3.0
815 6.8	[TRT52]		114514	14	95		113532	12 3.0
825 6.8	[HRT51]		114514	14	95		113532	12 3.0
836	[DPSG-6068T2]						113532	12 3.0
Various Models							113432	
							111332	12 2.7
Same								
AGRICULTURE								
Buffalo 120 6.2	[DA1056]					01.78- 10.80	110530	12 3.0
						07.74- 12.77	110551	12 3.0
						10.80- 10.81	111001	12 3.0
Centaurio 70 Diesel		12.81- 10.87	111180	14	33	12.81- 10.87	110530	12 3.0
		12.81- 10.87	110882	14	45			
		06.85-	110890	14	55			
Centurion 75 Diesel		11.78- 05.88	111180	14	33	11.78- 05.88	110530	12 3.0
		01.81-	110890	14	55			
		11.78- 05.88	110882	14	45			
Drago 5.4						11.71- 12.77	110551	12 3.0
						01.78- 05.86	110530	12 3.0
						10.80- 10.83	111001	12 3.0
Explorer 60 3.0 Diesel	[100.3A]	06.86-	110882	14	45			
Explorer 70 4.0 Diesel		07.86-	110882	14	45	07.86-	111001	12 3.0
Explorer 80 4.0 Diesel						07.86-	111001	12 3.0
Explorer 90 4.0 Diesel		06.86-	110882	14	45	06.86-	111001	12 3.0
Frutteto 75 3.0 Diesel						05.91-	110530	12 3.0
						05.91-	111001	12 3.0
Galaxy 170 6.2 Diesel						06.83-	110530	12 3.0
Laser 100 5.2 Diesel		03.84- 05.85	110882	14	45	03.84-	110530	12 3.0
Laser 110 5.7 Diesel						03.83- 12.87	110530	12 3.0
Laser 130 6.2 Diesel						04.83- 12.87	110530	12 3.0
Laser 150 6.2 Diesel		03.83-	110882	14	45	03.83- 12.87	110530	12 3.0
Panther 4.5	[DA985]					07.74- 12.77	110551	12 3.0
Ranger 45 2.7 Diesel		02.82- 08.85	111180	14	33	02.82-	110530	12 3.0
		09.85- 04.88	110882	14	45			

**SAME continued**

Solar 50 2.7 Diesel	06.86-	110882	14	45		
Solar 55 2.8 Diesel	06.87-	110882	14	45		
Solar 60 3.1 Diesel				06.86-	110530	12 3.0
Titan 160 6.0 Diesel	05.91-	112556	14	95	05.91-	110530 12 3.0
Titan 190 6.0 Diesel	01.92-	112556	14	95	01.92-	110530 12 3.0
Transporter				01.91-	110530	12 3.0
Various Models	01.70- 01.97	111649	14	33	01.80-	111645 12 0.4
						111001 12 3.0
				11.71- 12.77	110551	12 3.0
				05.60-	110530	12 3.0

Sampo-Rosenlew**AGRICULTURE**

Various Models					114254	12 2.7 GR
				01.70- 01.90	111737	12 2.8
				01.69-	110545	12 3.0

Sisu**AGRICULTURE**

SK 150 6.6	[611 CSBA]			09.81- 12.95	113484	24 4.0
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Steiner**AGRICULTURE**

230	[Kubota]	113856	14	40		
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Steyr**AGRICULTURE**

8050 2.6	[WD 311..]	09.86-	113469	14	33	
8060 2.6	[WD 311..]	09.80- 02.87	113469	14	33	
8065 2.6	[WD 311..]	09.86- 09.94	113469	14	33	
8070 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80- 111001 12 3.0
8075 3.5	[WD 411..]	01.84- 09.94	113469	14	33	01.84- 111001 12 3.0
8080 3.5	[WD 411..]	01.80- 09.94	113469	14	33	01.80- 111001 12 3.0
8085 3.5	[WD 411..]			02.90-	111001	12 3.0
8090 3.5	[WD 411..]	01.84- 04.94	113469	14	33	01.84- 111001 12 3.0
8110 5.2	[WD 611..]	07.84- 09.94	113469	14	33	12.78- 111001 12 3.0
8130 5.2	[WD 611..]	07.84- 09.94	113469	14	33	10.84- 111001 12 3.0
8150 6.6	[WD 612..]	12.82- 09.94	113469	14	33	
8300 9.7	[WD615..]			02.82- 04.87	110601	24 5.4

Ursus**AGRICULTURE**

912					110551	12 3.0
914					110551	12 3.0
933					110551	12 3.0
935					110551	12 3.0
1014					110551	12 3.0
1033					110551	12 3.0
1035					110551	12 3.0
1133					110551	12 3.0
1614					110551	12 3.0
C360					110545	12 3.0
					114254	12 2.7 GR
C385					110551	12 3.0
					110545	12 3.0
					114254	12 2.7 GR

Valpadana**AGRICULTURE**

2020 0.7	[7LD665]			03.88- 12.90	113268	12 1.6
Various Models					113268	12 1.6
					112171	12 1.1
					110844	12 2.2
VMC 130				01.89-	112171	12 1.1
VMC 150				04.84-	112171	12 1.1

Valtra**AGRICULTURE**

305		01.83-	113574	14	65	
355		01.89- 01.94	111362	14	55	
405		01.83-	113574	14	65	
411	[411C]			01.81- 01.85	113484	24 4.0
455		01.89- 01.94	111362	14	55	
505 3.3		08.82-	113574	14	65	08.82- 114254 12 2.7 GR
				01.69- 01.75	110545	12 3.0
605 3.3		08.82-	113574	14	65	08.82- 06.94 110545 12 3.0
				08.82-	114254	12 2.7 GR
611 6.6	[611C]			01.75- 12.85	113484	24 4.0
705 4.4		08.82-	113574	14	65	01.71- 01.72 110545 12 3.0
				08.82-	114254	12 2.7 GR
805 4.4		08.82-	113574	14	65	08.82- 06.94 110545 12 3.0
				08.82-	114254	12 2.7 GR
905		01.83-	113574	14	65	



2005		01.85-	112742	14	90			
2105		01.85-	112742	14	90			
6000		01.90-	113574	14	65			
6100		01.90-	113574	14	65			
6300		01.91-	110968	14	70			
		01.91-	111355	14	65			
6400		01.91-	110968	14	70			
		01.91-	111355	14	65			
6600		01.91-	110968	14	70			
		01.91-	111355	14	65			
8000		01.90-	110968	14	70			
		09.90-	111355	14	65			
8050	[620DS]	01.96-	112556	14	95	01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8100		01.90-	110968	14	70			
		09.90-	111355	14	65			
8150	[620DS]	01.96-	112556	14	95	01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8300	[612D]	01.90- 01.93	111355	14	65			
8400	[620DS]	01.93- 01.95	111355	14	65			
8450	[620DW]	01.96-	112556	14	95	01.96-	110545	12 3.0
						01.96-	114254	12 2.7 GR
8550	[634DS]	01.98-	112556	14	95	01.96-	110545	12 3.0
						01.98-	114254	12 2.7 GR
8600	[612DS]	01.90- 01.93	111355	14	65			
8750	[634DA]	01.98-	112556	14	95	01.96- 01.98	110545	12 3.0
						01.96-	114254	12 2.7 GR
	[634DS]	01.98-	112556	14	95	01.96- 01.98	110545	12 3.0
						01.96-	114254	12 2.7 GR
8950	[634DS]	01.98-	112556	14	95	01.98-	110545	12 3.0
						01.98-	114254	12 2.7 GR
A75N 3.3 Turbo	[33DT]						113901	12 3.0
A85N 4.4 Turbo	[44DT]						113901	12 3.0
A95N 4.4 Turbo	[44DT]						113901	12 3.0
S230 8.4		01.02-	113610	14	120			
		01.02-	112556	14	95			
S260 8.4	[645D..]	01.02-	112556	14	95			
		01.02-	113610	14	120			
T120		01.02-	113610	14	120	04.00-	113570	12 4.2
		01.02-	112556	14	95			
T130		01.02-	113610	14	120	04.00-	113570	12 4.2
T140		01.02-	113610	14	120	04.00-	113570	12 4.2
T160		01.02-	113610	14	120	04.00-	113570	12 4.2
T170		01.02-	113610	14	120	04.00-	113570	12 4.2
T180		01.02-	113610	14	120	04.00-	113570	12 4.2
T190		01.02-	113610	14	120	04.00-	113570	12 4.2
Various Models							113570	12 4.2
X 100		01.99-	112556	14	95			
		01.02-	113610	14	120			
X 110		01.99-	112556	14	95			
		01.02-	113610	14	120			
X 120		01.99-	112556	14	95			
		01.99-	113610	14	120			
Various Agriculture Vehicles								
AGRICULTURE								
			112194	14	120		112249	12 2.7
			110117	28	40		111015	12 1.1
			110325	14	18		111021	12 1.4
			110448	28	20		111049	12
			110497	14	70		111103	12 0.8
			110505	14	75		111197	12 2.0
			110591	28	75		111284	12 2.5
			110620	14	35		111573	12 2.8
			110643	28	40		111574	12 2.8
			110969	14	65		111622	12 1.2
			110971	14	65		110182	12 0.9
			111620	14	65		110245	12 1.0
			111369	14	90		110246	12 1.4
			111356	14	55		110356	12 1.4
			110972	14	65		110421	12 0.8
			110975	14	65		110447	12 1.0
			111833	28	140		110461	12 2.8
			112183	14	60		110464	12 2.1
							110468	12
							110469	12
							110512	24 5.4

VARIOUS AGRICULTURE VEHICLES *continued*

							110534	24	5.4
							110550#	24	4.0
							110635	12	0.5
							110817	12	2.1
							110940	12	1.4
							110949	12	0.6
							111911	12	1.4
							111855	12	2.2
							111804	12	0.6
							111646	12	0.2
							111701	12	0.8
							112041	12	2.2
							112242	12	0.6
Volvo BM									
AGRICULTURE									
861 5.5	[TD60B]					09.79- 07.86	113482	12	3.0
2650 5.5	[TD60B]	05.79- 06.82	112742	14	90	05.79- 06.82	113482	12	3.0
2654 5.5	[TD60B]	05.79- 06.82	112742	14	90	05.79- 06.82	113482	12	3.0
A20 6.7						08.86- 08.01	113850	24	5.4
L 120 6.7		01.87- 01.02	113477	28	55				
		01.87-	112113#	28	60				
L 160		01.87- 01.02	113477	28	55	01.87- 12.90	110207	24	5.4
		01.87-	112113#	28	60				
		01.87-	111528	28	55				
L 70 4.5	[TD45B]	01.91-	112113#	28	60				
		11.91-	113477	28	55				
L 90 5.5	[TD61GB]	01.91-	112113#	28	60				
		11.91- 01.94	113477	28	55				
LM 621 4.0 Diesel	[D42A]					09.70- 06.78	112132	24	4.0
LM 641 4.0 Diesel	[D42A]					09.70- 06.78	112132	24	4.0
LM 841 5.0 Diesel	[D50B]					04.72- 05.75	112132	24	4.0
LM 845 5.0 Diesel	[D50B]					01.71- 12.73	112132	24	4.0
LM 846 5.0 Diesel	[D50B]					05.72- 12.75	112132	24	4.0
SM 868 5.0	[D50B]					08.70- 10.74	113482	12	3.0
SM 980 5.0	[TD50B]					11.71- 06.76	113482	12	3.0
T 650 4.0	[D42A]					02.70- 06.82	113482	12	3.0
T 700 4.0	[TD42]					06.76- 06.82	113482	12	3.0
T350 Diesel						01.61- 08.64	110537	12	3.6
T800 Diesel	[D50A]		112310	14	55	01.67- 12.75	111217	12	3.0
						01.67- 01.75	110537	12	3.6
T810 Diesel	[TD50A]		112310	14	55	01.69- 01.75	110537	12	3.6
						03.69- 12.75	111217	12	3.0
T814 Diesel	[TD50A]		112310	14	55	01.69- 01.75	110537	12	3.6
Various Tractors			114465	14	70				
Yanmar									
AGRICULTURE									
YM1300	[2T73]					01.77-	113680	12	0.9
	[2TR13]						112674	12	1.3
YM1500	[2TR13]						112674	12	1.3
Zetor									
AGRICULTURE									
3320		01.92-	110621	14	55				
3321		01.97-	110621	14	55	01.97-	114254	12	2.7 GR
			112035	14	70	01.97-	110545	12	3.0
3340		01.92-	110621	14	55	01.92-	110545	12	3.0
						01.92-	114254	12	2.7 GR
3341			112035	14	70	01.97-	110545	12	3.0
		01.97-	110621	14	55	01.97-	114254	12	2.7 GR
4320		01.92-	110621	14	55	01.92-	110545	12	3.0
						01.92-	114254	12	2.7 GR
4321			112035	14	70	01.97-	110545	12	3.0
		01.97-	110621	14	55	01.97-	114254	12	2.7 GR
4340		01.92-	110621	14	55	01.92-	110545	12	3.0
						01.92-	114254	12	2.7 GR
4341			112035	14	70	01.97-	110545	12	3.0
		01.97-	110621	14	55	01.97-	114254	12	2.7 GR
4718		01.74- 01.81	112098	14	65	01.74- 01.81	110545	12	3.0
						01.74- 01.81	114254	12	2.7 GR
5011		01.81- 01.85	112098	14	65	01.80- 01.84	110545	12	3.0
						01.81- 01.85	114254	12	2.7 GR
5211		01.91-	110621	14	55				
5245		01.91-	110621	14	55				
5320		01.92-	110621	14	55	01.92-	110545	12	3.0
						01.92-	114254	12	2.7 GR



5321		112035	14 70	01.97-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
5340	01.92-	110621	14 55	01.92-	110545	12 3.0
				01.92-	114254	12 2.7 GR
5341		112035	14 70	01.97-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
5711	01.97-	110875	14 65			
5718	01.97-	110875	14 65			
5911	01.97-	110875	14 65			
5945	01.97-	110875	14 65			
6011	01.97-	110875	14 65			
6045	01.97-	110875	14 65			
6211	01.91-	110621	14 55			
6245	01.91-	110621	14 55			
6320	01.92-	110621	14 55	01.92-	114254	12 2.7 GR
				01.92-	110545	12 3.0
6321		112035	14 70	01.97-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
6340	01.92-	110621	14 55	01.92-	110545	12 3.0
				01.92-	114254	12 2.7 GR
6341		112035	14 70	01.97-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
6711	01.97-	110875	14 65			
6718	01.97-	110875	14 65			
6745	01.97-	110875	14 65			
6748	01.97-	110875	14 65			
6911	01.97-	110875	14 65			
6945	01.97-	110875	14 65			
7011	01.97-	110875	14 65			
7045	01.97-	110875	14 65			
7211	01.91-	110621	14 55			
7245 3.6	01.91-	110621	14 55	01.84- 01.91	110545	12 3.0
				01.84- 01.03	114254	12 2.7 GR
7320		112035	14 70	01.92-	110545	12 3.0
	01.92-	110621	14 55	01.92-	114254	12 2.7 GR
7321		112035	14 70	01.92-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
7340	01.92-	110621	14 55	01.92-	110545	12 3.0
	01.92-	112035	14 70	01.92-	114254	12 2.7 GR
7341		112035	14 70	01.97-	110545	12 3.0
	01.97-	110621	14 55	01.97-	114254	12 2.7 GR
7520	01.91-	112035	14 70			
	01.91- 01.98	110621	14 55			
7540	01.91-	112035	14 70			
	01.91- 01.98	110621	14 55			
7711	01.91-	110621	14 55			
7745 3.9	01.91-	110621	14 55	01.88- 01.03	110545	12 3.0
				01.86- 01.90	114254	12 2.7 GR
8011	01.97-	110875	14 65			
8045	01.97-	110875	14 65			
8111				01.75- 01.80	110551	12 3.0
8145				01.75- 01.80	110551	12 3.0
8245				01.75- 01.80	110551	12 3.0
8520		112035	14 70			
	01.97-	110621	14 55			
8540		112035	14 70			
	01.97-	110621	14 55			
9211 4.2				01.75- 01.80	110551	12 3.0
9245 4.2				01.75- 01.80	110551	12 3.0
9520		112035	14 70			
	01.91- 01.00	110621	14 55			
9540		112035	14 70			
	01.91- 01.00	110621	14 55			
10011	01.97-	110875	14 65	06.75- 01.80	110551	12 3.0
10045	01.97-	110875	14 65	06.75- 01.80	110551	12 3.0
10111				06.73- 01.80	110551	12 3.0
10145 4.6				01.75- 01.80	110551	12 3.0
10211				06.75- 01.80	110551	12 3.0
10245				01.75- 01.80	110551	12 3.0
10540		112035	14 70			
	01.95-	110621	14 55			
12011	01.97-	110875	14 65			
12045	01.97-	110875	14 65			
16045	01.97-	110875	14 65			
Various Models		110621	14 55			



Application list

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Cross Reference List

OE No. - HC-CARGO No.

Edition 2013/2014



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ACE				AIM			
13701	130505	GDR0001	113142	AB-00248R	112194	001/504	110210
CA-14037	111185	GDR0002	113143	SB-00158R	110210	001/506	110210
CA-14331	110975	GDR0003	113598	SB-00332R	111755	001/507	110210
CA-5106	112260	GHI0002	113145	SB-00351R	110206	001/508	110210
CA-5110	110300	GHI0006	113145	SE-0015R	110462	001/605	110210
CA-5136-3	110505	SAB0009	113015	SJ-0011R	111683	001/609	110210
CA-5148-12	111713	SAB0026	112831	SJ-00208R	110552	001/702	110210
CA-5150-12	110508	SAB0038	112150	SJ-00221R	110412	001/706	110210
CA-5170	112996	SAB0041	110949	SJ-00291R	113663	001/803	110210
CA-5174	113432	SAB0042	111701	SJ-00295R	113597	001/806	110210
CA-5177	112992	SAB0043	110510	SJ-0087R	110412	001/809	110210
CA-9173	112996	SAB0060	111012	SL-0061R	110462	001/810	110210
CG-15017	110482	SAB0065	112568	SL-0093R	110462	001/811	110210
CG-I5027	110484	SBO0075	113534	SM-00231R	111300	001/903	110210
CM-16121	111103	SBO0115	111755	SM-00258R	110421	001/905	110210
CM-16215	110421	SBS0003	111804	SN-0007R	110421	001/911	110210
CM-16445	110536	SBS0008	110635	SN-00307R	113696	002/009	110206
CM-16445	110775	SDR0026	113125	SN-0043R	110421	002/010	110206
CM-16739	111683	SDR0028	110436	SN-0054R	110421	002/103	110206
CM-16795	110182	SDR0075	110436	SN-0055R	111683	002/105	110206
CM-3591	110529	SDR0159	112089	SN-0087R	111760	002/206	110206
CM-3592	110522	SFD0045	113728	SN-0098R	112268	002/306	110206
CM-3600	110518	SLU0002	110462	ST-0001R	110421	002/508	110206
CM-3621	110536	SLU0003	110462	ST-0020R	110421	002/509	110206
CM-3670	110536	SMT0126	111300	SY-0073	110534	002/511	110206
CM-3680	110523	SND0032	113230	SY-0075	110206	002/601	110206
CM-4048	111000	SND0081	112246			002/608	110206
CM-4051	110347	SND0137	111683			002/611	110206
CM-4051	110436	SND0242	110421	ALBA		002/702	110206
CM-4051	110999	SND0285	113597	2761	171025	002/703	110208
CM-4051	111000	SND0287	113596	2762	171025	002/704	110206
CM-4051	112089	SND0402	113663			002/801	110206
CM-4054	110436	SNK0005	112668	ALFA ROMEO		002/802	110206
CM-4055	110999	SNK0023	112268	116760506000	110890	002/803	110206
CM-4161	110207	SNK0024	113452	116760506100	110890	002/806	110206
CM-4161	110534	SNK0032	112668	AT050600108	110882	002/808	110206
CM-5091	110347	SNK0034	113007			002/809	110206
CM-5091	112089	SSE6002	234073	ARROW		002/901	110206
CM-5095	110999	SSE6004	234070	29-1105	112260	002/902	110210
CM-5096	110436	STC0005	112313	29-1185	112260	002/903	110206
CM-5097	111000	STC0007	112564	29-1187	110300	002/904	110206
CM-5098	111000	STC0026	113017	29-1345	111713	002/906	110206
CM-5098	112089			29-1345	111713	002/907	110206
CM-58800	110627	AES		29-1361	110801	002/909	110206
CM-8001	112256	16990	113725	29-1362	110801	002/911	110206
CM-8004	112268	16608LN	110462	29-1363	110801	012/810	110537
CM-8005	111041	16608N	110462	29-1369	110591	IM1	110512
CM-8007	110604	16739N	111683	29-1870	113432	IM1/1	110512
CM-8011	111760	18139N	113696	31-1043	113142	IM131	110601
CM-8012	112268	18145N	113893	31-1109	113143	IM16	110207
CM-8017	111221	18404N	113734	35-1953	113125	IM16/1	110601
CM-8041	111224	3109N	113728	35-2052	110462	IM17/1	110512
CM-8042	112243	55513N	112546	35-2064	110462	IM18	110511
CM-8043	111224	6371N	110436	35-2085	110421	IM21-5/24	110601
S-5350	150407	6372N	110436	35-2314	111683	IM310	110206
SBS-0009	110635	6501-308	113125	35-2351	111683	IM316	110213
VR-1701	130505	6572N	112268	35-2543	111683	IM320	110512
VR-2226	130033	6574N	111760	36-1014	110462	IM321	110601
		6587N	112268	36-1082	110421	IM324	110534
		6589N	113452	36-1326	111683	IM325	110208
		7138N	112260	AND0237	113856	IM326	110207
		7197N	110300	SBO0155	113726	IM34	110537
		G108	113145	SBS0009	112242	IM34/1	110537
		S1052	110510	SBS0028	113539	IM34/3	110537
		S1053	110510	SBS0029	113853	IM340	110531
		S1053N	110510	SBS2606	235627	IM341	110531
		S1055	111701	SFD0145	113728	IM35	111217
		S1058	111012	SND0076	113725	IM35/1	111217
		S1070	110949	SND0132	113734	IM350	110208
		S121	110635	SND0234	113736	IM360	110210
		S150N	112150	SND0324	113893	IM362	110213
		SSE6000	234072	SSE6008	231526	IM4/1	110512
		SSE6001	231525			IM40	110550
				AUDI - VOLKSWAGEN		IM40/1	110550
						IM401	110537
						IM403	111217
						IM412	110537
						IM414	110539
						IM502	110206

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IM505.....	110207	0001110041.....	112172	0001358200.....	110461	0001362052.....	111791
IM508.....	110208	0001110042.....	112172	0001358201.....	110461	0001362060.....	110818
IM509.....	110208	0001115035.....	112172	0001358202.....	110461	0001362062.....	110814
IM510.....	110210	0001115042.....	112034	0001358305.....	110536	0001362063.....	111752
IM513.....	110601	0001214002.....	112034	0001359001.....	110551	0001362064.....	112135
IM517.....	111249	0001218011.....	110844	0001359004.....	110530	0001362067.....	110462
IM521.....	110208	0001218122.....	110844	0001359012.....	110536	0001362076.....	112039
IM522.....	110512	0001218172.....	111855	0001359013.....	113482	0001362084.....	110818
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IM524.....	110512	0001218772.....	111855	0001359016.....	111755	0001362093.....	110443
IM527.....	111249	0001218776.....	114055	0001359019.....	112135	0001362105.....	110813
IM530.....	110534	0001223002.....	111855	0001359021.....	110529	0001362300.....	111752
IM540.....	110531	0001223502.....	113478	0001359027.....	110536	0001362301.....	112135
IM547.....	110512	0001223503.....	110813	0001359038.....	111001	0001362305.....	110536
IM554.....	110512	0001223504.....	110813	0001359043.....	110525	0001362306.....	111332
IM559.....	113850	0001230002.....	112442	0001359044.....	113482	0001362307.....	110461
IM601.....	110210	0001230003.....	113478	0001359045.....	112660	0001362310.....	112660
IM605.....	110213	0001230005.....	113478	0001359046.....	110536	0001362311.....	110536
IM617.....	110531	0001230006.....	112071	0001359047.....	110545	0001362312.....	111755
IM636.....	110531	0001230007.....	113182	0001359048.....	110551	0001362313.....	110536
IM801.....	110210	0001230008.....	114195	0001359049.....	110536	0001362314.....	111332
BMW		0001230009.....	110522	0001359053.....	110551	0001362316.....	111755
12411712937.....	111911	0001230010.....	113182	0001359056.....	111001	0001362341.....	111332
12411713898.....	112172	0001230012.....	111001	0001359069.....	112660	0001362700.....	112041
12411720636.....	112172	0001230013.....	114320	0001359072.....	111332	0001363101.....	110517
12411720663.....	112172	0001230014.....	112071	0001359073.....	110536	0001363111.....	110517
12411720664.....	112172	0001230014.....	112555	0001359074.....	111752	0001363113.....	114478
12411720666.....	112172	0001230018.....	114195	0001359075.....	112135	0001365004.....	113467
12411740373.....	111911	0001230020.....	114021	0001359078.....	110536	0001366004.....	112039
12411740374.....	111911	0001230021.....	114002	0001359083.....	111001	0001366025.....	112249
12411740375.....	111911	0001230022.....	114050	0001359084.....	110525	0001367001.....	111752
12411740379.....	111911	0001230023.....	113182	0001359087.....	113482	0001367004.....	110536
12417501668.....	111911	0001231018.....	114220	0001359089.....	113482	0001367005.....	111001
12417501738.....	111911	0001231026.....	114196	0001359090.....	111755	0001367006.....	112074
12417515390.....	111911	0001231027.....	114196	0001359091.....	110640	0001367009.....	110551
12417515391.....	111911	0001260025.....	113570	0001359094.....	113269	0001367013.....	110530
12417515392.....	111911	0001262002.....	112071	0001359099.....	110551	0001367014.....	110640
61661367616.....	160197	0001262022.....	114002	0001359102.....	110529	0001367022.....	110460
61661368569.....	160197	0001263020.....	114196	0001359107.....	111791	0001367023.....	110529
61661368585.....	160197	0001307035.....	113268	0001359108.....	110530	0001367028.....	110529
61661368589.....	160197	0001311023.....	110868	0001359113.....	111001	0001367029.....	110522
61661380066.....	160680	0001311024.....	110868	0001359116.....	111573	0001367032.....	110545
BOBCAT		0001311033.....	110868	0001359122.....	110522	0001367034.....	110525
7169477.....	114388	0001311034.....	110868	0001359124.....	110545	0001367037.....	111755
BOMAG.....		0001311037.....	110868	0001359126.....	110460	0001367040.....	110565
05710906.....	111217	0001311046.....	110868	0001359127.....	110520	0001367042.....	112660
05710990.....	110536	0001311049.....	110868	0001360003.....	110523	0001367045.....	113482
05710993.....	111217	0001311101.....	110868	0001360007.....	110520	0001367046.....	113482
05719897.....	110536	0001311109.....	110868	0001360012.....	110523	0001367059.....	110525
05741435.....	114263	0001311120.....	110868	0001360014.....	110523	0001367061.....	113726
BOSCH		0001314001.....	112172	0001360015.....	110521	0001367067.....	110545
0001107024.....	112171	0001314016.....	113268	0001360023.....	112132	0001367069.....	113534
0001107033.....	111015	0001354010.....	110530	0001360027.....	110520	0001367072.....	111885
0001107062.....	111015	0001354012.....	112039	0001360030.....	110523	0001367075.....	111755
0001107078.....	110552	0001354014.....	110530	0001360035.....	110523	0001367077.....	112442
0001107085.....	111015	0001354031.....	112249	0001360036.....	112132	0001367078.....	111755
0001107442.....	111911	0001354073.....	111752	0001360043.....	110521	0001367082.....	110529
0001107443.....	111911	0001354074.....	112135	0001360063.....	110518	0001367300.....	110525
0001108108.....	111911	0001354080.....	111752	0001362003.....	110775	0001367301.....	110525
0001108129.....	111015	0001354090.....	110530	0001362004.....	110775	0001367303.....	110525
0001108157.....	111911	0001354091.....	112039	0001362008.....	110439	0001368001.....	110523
0001108181.....	111300	0001354095.....	112249	0001362009.....	110530	0001368007.....	110523
0001108190.....	111911	0001358003.....	110530	0001362016.....	110536	0001368019.....	110521
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0001110028.....	112172	0001358048.....	110525	0001362038.....	110775	0001369007.....	111885
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		0001358050.....	111791	0001362040.....	112039	0001369015.....	112074
		0001358051.....	110530	0001362043.....	111332	0001369016.....	111752
		0001358073.....	110536	0001362049.....	110819	0001369018.....	112135

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH continued							
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0001369022	111755	0001415013	110207	0120339509	110178	0120469585	112747
0001369023	112074	0001415016	110208	0120339510	110178	0120469634	111419
0001369024	112555	0001415027	110206	0120339511	111649	0120469687	113611
0001369025	111885	0001416002	110206	0120339512	111649	0120469749	112742
0001369200	113968	0001416005	110207	0120339513	111649	0120469772	112747
0001371001	113695	0001416007	110207	0120339514	110641	0120469890	111419
0001371018	111000	0001416008	110208	0120339515	111180	0120469895	113611
0001371020	111000	0001416009	110208	0120339516	111180	0120484001	112046
0001401007	110537	0001416013	110601	0120339521	111662	0120484002	113632
0001401011	110537	0001416017	111249	0120339524	110077	0120484003	113632
0001401012	111217	0001416021	110208	0120339525	110077	0120484011	111843
0001401013	111217	0001416022	110512	0120339526	113469	0120484012	113531
0001401014	111217	0001416023	110206	0120339527	111180	0120484015	111978
0001401017	110537	0001416024	110512	0120339528	111180	0120484016	113632
0001401025	110537	0001416027	111249	0120339531	110641	0120484017	113531
0001401028	111217	0001416030	110534	0120339536	111662	0120484018	111843
0001401034	110537	0001416031	114437	0120339538	110766	0120484019	113531
0001401035	110537	0001416035	110534	0120339543	111649	0120484020	113632
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0001401068	111217	0001416078	110206	0120400369	112098	0120484218	111843
0001402008	110512	0001416079	110206	0120400600	112098	0120488114	110881
0001402011	111249	0001417001	110210	0120400601	112098	0120488134	112098
0001402023	110512	0001417005	110213	0120400603	112098	0120488138	112098
0001402037	110512	0001417017	110531	0120400606	112098	0120488176	111289
0001402040	110550	0001417036	110531	0120400607	112098	0120488177	111289
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0001402053	110208	0001418001	110537	0120400639	112098	0120488189	111356
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0001402058	111249	0001420001	110999	0120400679	112098	0120488206	112170
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0001410024	110210	0004314011	110530	0120400805	110766	0120488254	111620
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0001411009	110210	0120300514	110641	0120465004	112194	0120489018	111686
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0001411025	110213	0120300528	110899	0120468055	112773	0120489021	110890
0001413001	110537	0120300529	110899	0120468066	112038	0120489022	112098
0001413002	110537	0120300530	110077	0120468147	112493	0120489023	110766
0001413006	110537	0120300531	110077	0120469008	112747	0120489024	110875
0001413007	111217	0120300535	110105	0120469013	113611	0120489032	111141
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0001414003	110512	0120300559	110899	0120469506	113611	0120489058	110975
0001414008	110208	0120300562	111649	0120469507	112742	0120489064	110875
0001414010	110512	0120300563	110975	0120469519	112747	0120489069	110881
0001414017	110601	0120300564	110975	0120469520	112747	0120489070	110881
0001414018	111249	0120300568	110899	0120469521	112747	0120489071	112170
0001414019	110207	0120300569	110899	0120469522	112742	0120489074	111289
0001415001	110206	0120300579	110766	0120469523	111528	0120489075	111289
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0120489086	111289	0120489581	110360	0120489957	111289	0190215019	235783
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0120489090	111289	0120489595	111289	0120489959	113574	0190215028	235781
0120489091	111289	0120489604	111289	0120489960	110360	0190215029	235781
0120489092	111289	0120489612	112097	0120489961	110360	0190215030	235782
0120489093	111289	0120489617	111289	0120489964	110360	0190215031	235782
0120489094	111289	0120489638	112097	0120489965	110360	0190215036	235782
0120489095	111289	0120489639	112097	0120489975	110975	0190215037	235781
0120489103	111289	0120489641	110912	0120489999	110975	0190300036	130032
0120489106	110882	0120489642	110912	0120689530	111833	0190300037	130032
0120489107	110890	0120489666	111289	0120689535	111833	0190300049	130032
0120489121	110972	0120489667	111289	0120689553	114365	0190300067	130032
0120489123	110972	0120489702	110043	0120689571	111833	0190300070	130032
0120489123	111168	0120489703	110105	0120689574	111833	0190300087	130032
0120489124	110972	0120489704	110105	0120689587	111833	0190309002	130032
0120489124	111168	0120489705	111289	0122469001	110801	0190309003	235782
0120489125	111168	0120489706	111289	0122469003	110801	0190309004	235783
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0120489147	110890	0120489730	110766	0123335003	112529	0190309016	235783
0120489148	111289	0120489731	110117	0123335006	111369	0190309018	235784
0120489149	110875	0120489742	110912	0123335007	111369	0190309019	130032
0120489150	110875	0120489743	110912	0123500001	112194	0190309020	235786
0120489151	110890	0120489744	110360	0123510002	112194	0190309025	130032
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0120489170	110912	0120489750	110875	0123510075	112196	0190309032	235781
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0120489186	111035	0120489752	110912	0123515500	113949	0190309037	235783
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0120489188	111035	0120489756	112736	0123515502	113899	0190309040	235786
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0120489212	111686	0120489761	110882	0123540002	112194	0190350009	235781
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0120489219	111686	0120489763	110890	0123540004	112194	0190350034	235786
0120489242	110875	0120489765	110882	0123545004	112194	0190350038	130032
0120489243	110875	0120489770	110890	0124515126	112062	0190350039	130032
0120489266	111289	0120489789	110975	0124615029	113899	0190350040	235786
0120489267	111289	0120489791	110360	0124615043	114379	0190350041	235786
0120489272	111620	0120489792	112097	0124615053	112196	0190350045	235781
0120489273	111620	0120489793	112097	0124625031	113707	0190350046	235782
0120489286	110881	0120489794	112097	0130007001	160674	0190350054	130032
0120489289	111289	0120489795	112097	0130063008	160626	0190350055	235784
0120489290	111362	0120489796	112097	0130063013	160626	0190350059	130032
0120489293	111355	0120489799	110360	0130063015	160626	0190350063	235786
0120489294	112098	0120489800	110360	0130063032	160626	0190350069	130032
0120489296	110881	0120489801	111289	0130111003	160622	0190350079	130032
0120489304	111289	0120489823	111620	0130111134	160734	0290800022	150100
0120489305	111289	0120489824	111620	0190101005	130037	0290800028	150407
0120489307	111620	0120489833	111289	0190101007	130037	0290800036	150407
0120489309	110881	0120489838	110890	0190101011	130037	0290800044	150408
0120489315	111141	0120489839	111289	0190101012	130037	0290800052	150101
0120489317	113632	0120489840	111289	0190103002	130037	0311424007	171194
0120489318	111620	0120489841	111289	0190103008	130037	0311424008	171195
0120489319	111620	0120489842	111289	0190117004	130037	0330001015	080177
0120489338	111686	0120489843	111289	0190117009	130037	0330001016	080178
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0120489414	112097	0120489889	111289	0190213017	235782	0332014119	160282
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0120489475	111888	0120489896	111289	0190215003	235783	0332014150	160265
0120489481	112170	0120489935	110875	0190215004	235782	0332014151	160265
0120489533	112310	0120489936	110875	0190215005	235782	0332014203	160266
0120489541	110912	0120489944	110761	0190215007	235781	0332014409	160083
0120489542	110912	0120489947	111168	0190215008	235781	0332015001	160168
0120489551	110975	0120489948	111168	0190215012	235781	0332015002	160169
0120489557	110360	0120489950	111168	0190215014	235781	0332017100	160365
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0120489569	110975	0120489952	111168	0190215016	235781	0332201201	160337

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH continued							
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0332204113	160308	0986011240	110525	0986023710	111021	0986031478	110360
0332204125	160081	0986011270	110523	0986023820	110442	0986031508	110975
0332204150	160081	0986011270	110536	0986023990	112442	0986031691	110178
0332204151	160308	0986011310	110517	0986030110	111649	0986031701	110178
0332204202	160337	0986011310	110521	0986030110	111948	0986031830	110975
0332204203	160216	0986011311	110521	0986030120	110899	0986032100	110611
0332204212	160271	0986011330	110518	0986030120	111180	0986032120	110890
0332204402	160316	0986011331	110518	0986030121	111180	0986032301	111289
0332207104	160366	0986011340	110520	0986030130	110641	0986032710	112742
0332207202	160368	0986011370	112132	0986030140	111662	0986032770	110975
0332207307	160919	0986011440	110531	0986030150	112098	0986032930	110881
0332207402	160521	0986011460	110534	0986030170	112098	0986032940	110881
0332209159	160081	0986011490	110206	0986030290	110766	0986033070	113469
0333300003	180290	0986011490	110210	0986030340	112098	0986033090	113611
0333301007	180232	0986011510	110210	0986030610	110360	0986033220	111289
0333301009	180233	0986011513	110210	0986030618	110360	0986033228	111289
0334200045	160242	0986011530	110537	0986030660	111141	0986033230	110890
0335200003	160242	0986011540	110537	0986030740	110360	0986033240	111289
0335200004	160242	0986011550	110512	0986030748	110360	0986033248	111289
0335200005	160244	0986011570	110206	0986030760	111289	0986033250	111035
0335200006	160244	0986011950	110521	0986030760	111362	0986033251	111035
0335200012	160242	0986012420	111755	0986030760	113474	0986033310	111289
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0335200023	160242	0986012680	112135	0986030778	110969	0986033540	110766
0335200027	160242	0986012710	110530	0986030778	111184	0986033840	111528
0335200028	160242	0986012720	110522	0986030778	111289	0986033840	113477
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0335200030	160244	0986012831	110182	0986030788	111289	0986033880	110882
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0335200041	160244	0986013680	110536	0986030900	110972	0986033891	112768
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0335200044	160244	0986013690	114254	0986030908	110972	0986033940	111289
0335200045	160242	0986013700	113484	0986030908	111168	0986033940	113574
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0335200051	160305	0986014730	111755	0986030920	110972	0986034188	111948
0335200052	160242	0986014740	111755	0986030928	110972	0986034200	111289
0335200053	160242	0986014780	110512	0986030928	111168	0986034260	111141
0335200054	160242	0986014850	113482	0986030938	111168	0986034420	111419
0335200058	160242	0986014890	112172	0986030948	111035	0986034430	112747
0335200066	160242	0986014900	111911	0986030970	110890	0986034490	110882
0335200067	160244	0986014910	110207	0986030971	110890	0986034668	110972
0335200068	160242	0986015040	112660	0986030971	111686	0986034940	113611
0335200073	160242	0986015420	112041	0986030980	110890	0986035131	110969
0335200075	160242	0986015680	110347	0986030980	110912	0986035630	111686
0335200078	160243	0986015680	111000	0986030981	110912	0986035631	111686
0335200160	160263	0986016520	110210	0986031058	110178	0986035760	110882
0335215140	160262	0986016550	112555	0986031058	111289	0986036010	111289
0335215143	160262	0986017110	111911	0986031100	110360	0986036010	111362
0335215150	160199	0986017280	111752	0986031108	110360	0986036020	110770
0335215154	160199	0986017290	112135	0986031178	110969	0986036020	111289
0335402009	160262	0986017310	112039	0986031190	113477	0986036020	111362
0341003004	181599	0986017430	111855	0986031250	110043	0986036060	110770
0392020024	070192	0986017510	112074	0986031251	110043	0986036060	111289
0392020026	070206	0986018070	112034	0986031260	110766	0986036060	111356
0392020034	070203	0986018110	112171	0986031270	112098	0986036063	111356
0986010648	110868	0986018151	110615	0986031290	111141	0986036110	111289
0986010950	110461	0986018161	110819	0986031300	111141	0986036198	110770
0986010990	110536	0986018290	111855	0986031320	110117	0986036230	112768
0986011000	110775	0986018980	113182	0986031330	112736	0986036641	110620
0986011020	111332	0986019000	110206	0986031340	112097	0986036750	111620
0986011060	110814	0986019003	110206	0986031350	111289	0986036750	111686
0986011061	110814	0986019020	112071	0986031358	111289	0986036800	111215
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0986011140	110536	0986020001	110443	0986031388	110968	0986036820	112529
0986011160	110517	0986020181	110461	0986031388	111185	0986036930	110360
0986011161	110517	0986022680	111346	0986031388	111289	0986037120	111620
0986011180	113467	0986022750	110462	0986031410	110611	0986037121	111620
0986011190	112249	0986023190	110565	0986031411	112768	0986037140	111620
0986011200	110536	0986023440	110439	0986031440	110875	0986037150	111620
0986011210	111332	0986023460	110447	0986031450	110761	0986037150	111686
0986011220	110529	0986023510	110443	0986031453	110761	0986037271	111048

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986037340	112194	9120331881	110890	693713	235627	202360T91	112773
0986037380	112194	9120331901	110178	696539	139417	202386T91	110436
0986037450	110105	9120331913	110178	696540	139418	3228193EX	110641
0986037450	113632	9120690170	110497	808106	113539	3218544EX	112098
0986037890	110881	9123369044	111369	BUTEC		3218577EX	111662
0986037970	112194	9124476014	113474	110207	110207	3218884EX	110766
0986037990	112194	9187451002	160734	851078	111000	3228193EX	111752
0986038050	112098	9190082001	235783	851122	111000	3229193EX	111752
0986038160	111369	9190083000	235783	851339	111000	529965R92	112660
0986038170	111369	9190215028	235781	851606	110643	91448C2	112773
0986038170	112529	26025155A	110536	854494	110643	957340EX	110818
0986038176	112529	6004AA3014	113900	855689	111000	A130672Z	111713
0986038290	111833	6033G2019B	111843	857468	110210	A169694	112169
0986038351	112113	6033GB2009	111978	857470	110206	A170746	113725
0986038940	111369	6033GB3045	113895	857592	110643	A186180	112135
0986039711	110968	BNG4/12CR215	110537	857594	110643	A187597	111885
0986039740	111369	BNG4/12CR222	111217	857601	111296	A187623	111843
0986039740	112529	BNG4/12CR247	110537	857606	110643	A187728	113429
0986039743	111369	BNG4/24	110512	857623	111296	A187873	111888
0986039800	112098	BNG4/24CR165BR	111249	857645	111296	A231295A1	111355
0986039810	113531	BNG4/24CR165SR	110601	858442	111000	A49652	110300
0986039820	111978	BNG4/24CR231	110512	858444	111000	C26525	234072
0986040280	111843	BNG4/24CRS162	110208	858506	111000	C33024	234072
0986040290	111888	BNG4/24CRS163	110512	858619	111296	K308650	110462
0986041040	112529	BNG4/24CRS165BR	111249	858762	111574	K957340	110818
0986041060	112196	BNG4/24CRS165SR	110601	858776	111355	K957340EX	110818
0986041610	111168	EJD3/12BR3	110530	858787	110968	L72955	110300
0986041640	111833	EJD3/12BR4	111791	858885	110077	M41595	110766
0986041840	112046	F000AL0115	113900	858979	111000	PO9415420	112170
0986041940	112097	F005A00023	111888	859385	110643	R39341	110627
0986043130	112196	F005A00024	111843	859539	110523	CATERPILLAR	
0986044571	112238	F005A00025	113531	859542	110518	25900	110999
0986044581	110178	F026T02200	235781	859673	110643	86385	110075
0986044581	111185	F026T02201	235782	859883	110442	OR1522	112260
0986044591	110770	F026T02202	235783	860104	110517	OR1903	114280
0986044591	111355	F026T02203	235784	860109	110525	OR2186	110999
0986044601	110179	F026T02204	235785	860121	110208	OR2187	111000
0986046000	112529	F026T02205	235786	860130	110525	OR2189	110436
0986046030	112062	BRIGGS & STRATTON		860132	110210	OR2190	111000
0986047210	113949	3886	139418	860150	110077	OR2415	110591
0986080200	110483	4114	139395	860334	111000	OR2698	110801
0986081030	112160	234466	234466	860504	110208	OR2735	113695
1020484017	113531	280104	139395	860506	110210	OR4259	111000
1305320816	170620	391135	234211	860508	110206	OR4263	113695
1305320818	170621	391178	111804	860568	112493	OR5202	112260
1315601902	171237	391178	111804	870644	110449	OR5207	110999
3334485007	190767	391461	137278	870646	111024	OR5208	110436
3334485008	190766	393017	110635	858772Z	110043	OR5209	111000
3337213001	080177	393254	139417	A3024/13	110643	OR5213	110347
9000083028	110525	393374	230149	A3024/30	110643	OR5217	110801
9000083054	110525	394674	110635	A3024/33	110643	OR5218	110436
9000084018	110208	394807	111804	A302413	110643	OR5270	110999
9000143400	110439	394808	110635	A4024/15	110643	OR5347	112089
9004475035	110615	394890	230149	A5524/39	111296	OR8279	112160
9004475058	110565	396306	111804	A5524/49	111296	104-7040	113695
9004475061	111346	396865	139418	LNA4024/0	110643	105-2811	114218
9004475300	111103	397809	234171	LNA4024/8	110643	105-2812	114218
9007044002	110525	398003	234211	LNS2810	111041	107-7977	112160
9007044014	110462	399928	112242	LNS4524/20	110518	132-2156	112160
9120060041	111843	435307	110635	MS1/401A	111000	147-7166	114280
9120060042	113531	490421	139418	MS1/411AZ	111000	1L8174	111000
9120080056	110360	490467	139417	MS1-101	111000	207-1564	111000
9120080089	110360	490771	139418	MS1-103	111000	225-3141	113763
9120080120	110360	491546	234170	MS1-124	111000	225-3149	114388
9120080139	110360	491836	230399	MS1-401	111000	2N3538	110436
9120144105	110043	493219	234167	MS1-401A	111000	2P1204	110427
9120144111	110043	495100	112242	MS1-401C	111000	2P1698	110427
9120144114	110043	495877	139417	MS1-403A	111000	2P2501	110999
9120144118	110043	495878	139418	MS1A/20	111000	2P5113	110427
9120144119	110043	497596	110635	MS1A/25	111000	2S0900	110999
9120144201	110912	497606	230400	CASE		2S900	110999
9120144202	110912	498148	112242	2852405	114196	2S945	110075
9120144238	110912	691185	234171	86982709	113725	3E1864	111224
9120144239	110912	691188	234170	114799A1	111885	3E7285	111888
9120215028	235781	691564	113539	125849A1R	112773	3E7863	112089
9120331502	110178	692024	234211	1273112C91	110933	3L8205	110347
9120331854	111289	693059	139395	1987559C1	113725	3N2702	110801
9120331864	111289	693469	113539			3N2706	110801
9120331872	111289	693551	113853				

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CATERPILLAR continued							
3P0006	110999	6N3160	111000	1277670	111833	CA4512-2	110449
3P0007	110999	6N5217	110801	1320015	110449	CA4512-51	110449
3P0110	110999	6N5468	110427	1320023	110449	CA4512-51A	110449
3P3006	110999	6N9249	110801	1320024	110449	CA4512-72	111024
3P3007	110999	6N9294	110801	1320027	110449	CA45-12Y72	111024
3R7356	110999	6N9667	110347	1320029	110449	CA45D12-2	110449
3T2579	110999	6N9677	110347	1320510	110449	CA45D12-2M	110449
3T2646	111000	6T0640	110347	1320513	110449	CA45D12-51	110449
3T2647	110999	6T0647	110347	1320515	110449	CA45D12-72	111024
3T2649	111000	6V0890	110347	1320702	111024	CA45D12-Y51	110449
3T2650	111000	7G7889	112989	1320720	111024	CA45F12-2	110449
3T2652	110999	7L8797	111000	1327010	110449	CA45F12-51	110449
3T2654	111000	7N0923	111224	1327011	110449	CA45F12-51A	110449
3T2655	110436	7N6503	110436	1327090	111024	CA45F12-72	111024
3T2657	110436	7N9720	110801	1327570	111798	CA45F12-Y2	110449
3T2659	110436	7S5897	110427	1327571	111798	CA45F12-Y51	110449
3T2660	110999	7T0794	111000	1403000	110206	CA45F12-Y72	111024
3T2772	110999	7T0798	110999	2311040	110347	CA45F12-Y81	110449
3T2780	110347	7T0799	110999	2998000	110525	CA45G12-2	110449
3T2785	110347	7T0800	111000	2998007	110531	CA45G12-2M	110449
3T2787	110347	7T0801	111000	2998008	110207	CA45G12-51	110449
3T2879	112089	7T0806	111000	2998010	110210	CA45G12-51A	110449
3T3152	111000	7T1081	110436	2998011	110206	CA45G12-72	111024
3T3153	111000	7T1082	110999	2998056	110043	CA45H12-2	110449
3T3154	112089	7T1799	110999	2998150	111000	CA45H12-72	111024
3T3778	110347	7T2265	110436	2998200	110529	HPS102	080595
3T4581	110999	7T9254	110436	2998201	110518	HPS103	080212
3T4582	110999	8C356	110436	2998230	112097	HPS105	080998
3T4584	110999	8C3592	112089	1320F022	110449	S11424-18	111798
3T4586	110999	8C3593	112089	1320F027	110449	S11512-2	111024
3T6305	110999	8C3596	110436	1320F028	110449	S11524-18	111798
3T6352	110801	8C3597	110999	1320F513	110449	S115A12-1	110449
3T7070	112260	8C3644	111000	1320F515	110449	S115A12-12	111024
3T8947	110347	8C3645	111000	1320F720	111024	S115A12-2	111024
3T8949	110347	8C3647	110999	1320F810	110449	S115A24-18	111798
3T8954	110347	8C3648	110436	1320G027	110449	S115A24-21	110207
3T8967	110347	8C3649	111000	1320G028	110449	S115HD24-1	110206
3Y6691	110801	8C3650	110999	1320G515	110449	Z1320F515	110449
3Y8200	110801	8C3651	110999	1320G720	111024	Z1320F720	111024
3Y8852	110999	8C5580	110436	1320H027	110449	CITROËN ~ PEUGEOT	
4L9547	112089	8H1813	111000	1320H720	111024	CLAAS	
4N0956	112089	8L5881	110436	1327A010	110449	1053560	110525
4N0957	111000	8L8205	110347	1327A011	110449	1322450	110537
4N0959	110347	8L8206	112089	1327A090	111024	1326150	110537
4N3181	110999	8N0999	110591	1327A091	111024	6853810	110525
4N3182	110999	8N2145	110999	1327A570	111798	7901820	111649
4N3343	110347	9G4337	110999	1327A571	111798	CUMMINS	
4N3347	110999	9G4339	110999	1327A600	110207	111640	110801
4N3348	110999	9G5584	111000	1327A601	110207	157579	110436
4N3349	110347	9G5585	111000	7167-620A	080595	185617	110436
4N3350	110999	9G6078	110325	7167-620B	080207	195827	112089
4N7901	110999	9G6941	111224	7167-620C	080212	195828	112089
4N8118	111000	9G8255	110801	7167-620D	080212	195829	112089
4N956	112089	9G9538	110591	7180-49A	080211	195830	112089
4N957	111000	9L2507	112243	7180-49B	080211	195833	112089
5A6494	110999	9L3597	110436	7180-49C	080210	195834	112089
5A6495	110999	9L5938	112260	7180-49D	080210	195835	112089
5A6522	110999	9L6200	112089	7185-900G	080995	197125	110436
5A8908	110801	9L6463	112260	7185-900H	080996	213298	112260
5L2537	111000	9L6464	110347	7185-900K	080211	213299	112260
5L2637	111000	9L6484	110347	7185-900P	080210	214169	110300
5L3648	110347	9L6691	111000	7185-900T	080212	214318	110591
5L4160	112089	9M1662	110999	7185-900W	080595	554560	110436
5L4168	112089	9N0435	111000	9009-041	080207	3016627	110801
5L4169	112089	9N0453	111000	9009-049	080207	3016628	112989
5L4405	110347	9N0716	112089	9009-050	080208	3021036	111000
5L5353	110347	9N0721	112089	9009-073	080207	3021038	110347
5L537	111000	9N716	112089	9100-328D	081118	3043010	112243
5L5667	112089	9S4070	110427	9100-827F	081121	3078116	110591
5L5867	112089	9S4870	110427	9100-898B	081120	3251135	112160
5L637	111000	9W0058	110436	9108-073A	080998	3279496	110436
5L648	110347	9X0341	111843	9108-147C	080942	3282554	111843
5LG48	110347	OR4263	113695	9108-152A	081117	3283812	111885
5N5692	110801	OR9938	114271	9108-153A	080941	3283813	113429
5R3155	110999	PX0341	111843	9108-154B	080940	3284392	112170
5R3857	110999	SL8206	112089	9109-262	080929	3604654	113452
5Z1083	110591	CAV		9145-040D	080209		
6N1889	111000	CAV		9185-900G	080995		
6N3122	111000	1268030	111810	9185-900H	080996		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3610942	112089	028000-2240	110421	100211-1650	111048	128000-1340	112089
3675245	113429	028000-2241	110421	100211-1660	110620	128000-1470	110940
3904466	113725	028000-2692	110421	100211-1661	110620	128000-2130	110356
3907622	110436	028000-3290	111224	100211-1662	110620	128000-2131	110356
3908594	112169	028000-3291	111224	100211-1670	113921	128000-2270	113725
3910644	112243	028000-3292	111224	100211-1680	111048	128000-2271	113725
3910645	110436	028000-3295	111224	100211-4440	111048	128000-2273	113725
3910646	110999	028000-3360	110245	100211-4450	111048	128000-2480	113725
3918376	113452	028000-3361	110245	100211-4490	111048	128000-2881	111683
3918377	111760	028000-3500	110421	100211-4520	113921	128000-2950	112246
3920328	113429	028000-3501	110421	100211-4528	111048	128000-3120	113725
3920403	113725	028000-3800	110421	100211-4530	110620	128000-3121	113725
3920617	112160	028000-3830	110421	100211-4531	110620	128000-3122	113725
3920618	112160	028000-4520	111021	100211-4560	111048	128000-3123	113725
3920643	113725	028000-4730	110940	100211-4610	113921	128000-3590	110447
3920678	112170	028000-5040	111224	100211-4640	111048	128000-3591	110447
3920679	111888	028000-5290	110421	100211-4650	113921	128000-4020	113596
3921012	113429	028000-5740	110421	100211-4660	111048	128000-4340	113429
3923550	110801	028000-5880	110627	100211-4670	111048	128000-4520	113230
3923624	112493	028000-5881	110627	100211-4680	111048	128000-4660	111683
3926932	111760	028000-5882	110627	100211-4690	111048	128000-4661	111683
3926960	113725	028000-5883	110627	100211-4700	110620	128000-4662	111683
3935530	112160	028000-5884	110627	100211-4701	110620	128000-4900	110246
3964428	113725	028000-6140	110246	100211-4730	113856	128000-5261	110447
87419387	113429	028000-6250	110940	100211-4740	113921	128000-5330	113429
3010125RX	110347	028000-6920	111224	100211-4770	113921	128000-5331	113429
3016627RX	110801	028000-6921	111224	100211-4771	113921	128000-5620	113429
3603851RX	112260	028000-7000	111683	100211-5800	110445	128000-5621	113429
3603853RX	110300	028000-7001	111683	100211-6030	111215	128000-5910	111224
3603862RX	111000	028000-7002	111683	100211-6031	111215	128000-5911	111224
3603863RX	112089	028000-7003	111683	100211-6050	111215	128000-5912	111224
3603864RX	110436	028000-7004	111683	100211-6051	111215	128000-5913	111224
3603868RX	112089	028000-7430	113429	100211-6420	111830	128000-6280	110940
3603888RX	110347	028000-7431	113429	101211-1170	113742	128000-6391	113429
3604225RX	110591	028000-7460	110421	101211-1180	111048	128000-6620	110245
3604233RX	110999	028000-7461	110421	101211-1200	113699	128000-6621	110245
3604321RX	111000	028000-7462	110421	101211-1230	111048	128000-6840	110245
3604323RX	110436	028000-7470	110421	101211-1380	113742	128000-6841	110245
3604473RX	112989	028000-7471	110421	101211-2240	114218	128000-7050	113734
3604475RX	110505	028000-7480	110245	101211-2310	114218	128000-7480	112546
3604476RX	110952	028000-7481	110245	101211-2480	111048	128000-7510	110999
3604484RX	110999	028000-7790	111683	101211-2960	113856	128000-7520	110999
3604485NW	113725	028000-7791	111683	101211-2961	113856	128000-8460	113893
3604485RX	113725	028000-7792	111683	101211-2962	113856	128000-8461	113893
3604660NW	113725	028000-8320	110447	101211-2963	113856	128000-8462	113893
3604676RX	110801	028000-8321	110447	101211-3180	113700	128000-9050	111021
3604784RX	110999	028000-8322	110447	101211-3410	114263	128000-9051	111021
3675154NW	113725	028000-8410	112246	102211-8160	113763	128000-9360	113597
3675154RX	113725	028000-8411	112246	102211-8161	113763	128000-9500	113725
367520RX	111760	028000-8430	110245	102211-8170	113763	128000-9501	113725
3675242RX	112160	028000-8431	110245	102211-8171	113763	128000-9502	113725
		028000-8432	110245	102211-8180	113763	128000-9503	113725
		028000-8434	110245	102211-8181	113763	128000-9680	111224
DAEWOO		028000-8890	110421	128000-0020	111683	128000-9800	113429
25026005	113457	028000-9030	111197	128000-0050	111021	128000-9801	113429
25026006	113458	028000-9031	111197	128000-0070	110940	128000-9950	110447
65.26201-7039	111683	028000-9032	111197	128000-0071	110940	128000-9951	110447
65.26201-7059	111683	028000-9570	110421	128000-0210	113725	228000-0070	110999
DAF		056700-4810	160480	128000-0211	113725	228000-0150	111021
181991	113477	096010-0500	080680	128000-0212	113725	228000-0620	113725
1340893	112196	096010-0510	080681	128000-0213	113725	228000-0621	113725
		096030-0070	080177	128000-0214	113725	228000-0622	113725
DAIHATSU		096030-0080	080178	128000-0215	113725	228000-0691	111197
27060-87201-000	111048	096030-0170	080178	128000-0216	113725	228000-0790	110447
27060-87202-000	111048	100211-0071	110445	128000-0540	113725	228000-0791	110447
27060-87501-000	111048	100211-0080	110445	128000-0541	113725	228000-0800	110447
27060-87502-000	111048	100211-0081	110445	128000-0542	113725	228000-0950	111622
		100211-0280	110445	128000-0543	113725	228000-0951	111622
		100211-0281	110445	128000-0544	113725	228000-0970	110447
DELCO → REMY (DELCO)		100211-0290	110445	128000-0770	111224	228000-0980	110447
		100211-0291	110445	128000-0771	111224	228000-0981	110447
DENSO		100211-0292	110445	128000-0772	111224	228000-0990	111021
021000-0320	110882	100211-0790	110445	128000-0960	111683	228000-0991	111021
021000-6980	111042	100211-0860	110801	128000-1150	111087	228000-1000	110940
021000-7410	110445	100211-1610	111048	128000-1151	111087	228000-1001	110940
021000-7420	110445	100211-1611	111048	128000-1152	111087	228000-1002	110940
028000-1850	110421	100211-1630	111048	128000-1160	110940	228000-1040	110940
028000-2150	110421	100211-1632	111048	128000-1161	110940	228000-1041	110940
028000-2151	110421	100211-1640	111048	128000-1280	113725	228000-1050	110356

AGRICULTURAL MACHINERY

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO continued		DIVERSE		TG-176		06730	
228000-1060	110246	24.3708		TS-1500	110436	06940	110512
228000-1061	110246	24173708000		TS-1504	110436	07940	111217
228000-1070	110940	IM131		TS-1561	113125	08780	110207
228000-1071	110940	IM18		TS-1576	112268	08790	110208
228000-1210	112089	IM522		TS-1602	111760	10420	110525
228000-1211	112089	DIXIE		TS-1603	112089	10430	110536
228000-1530	111021	101-21103		TS-1640	113007	10450	110520
228000-1531	111021	101-21108		TS-1644	112268	10460	110523
228000-1950	113725	146-93103		TS-1648	112668	10570	110531
228000-1951	113725	146-93104		TS-1649	113452	10590	111180
228000-1952	113725	201-28126		TS-2000	113728	10600	110534
228000-1953	113725	201-28201		TS-4014	110462	10610	110531
228000-1980	111683	201-28206		TS-6010	111755	10810	110531
228000-2210	113663	201-42102		TS-6046	110206	10890	112097
228000-2211	113663	201-42115		TS-6071	110534	10910	110890
228000-2640	112546	201-42119		DOGA		11360	110525
228000-2970	113696	206-03101		111.3756.2B.00	160503	11370	110529
228000-3660	111021	206-03110		111.3756.3B.00	160504	11380	110521
228000-3660	111021	206-04109		111.9001.2B.00	160395	11420	110522
228000-3850	111683	206-07101		111.9604.3B.16	160345	11430	110518
228000-3851	111683	206-07102		112.1340.2B.04	160558	11580	110523
228000-3852	111683	206-07109		112.1380.2B.00	160031	11640	110536
228000-4290	111683	246-06102		112.1380.3B.00	160032	11705	110912
228000-4291	111683	246-06104		112.1540.2B.00	160506	11750	110530
228000-4292	111683	246-25107		112.1580.3B.00	160034	11930	110521
228000-4293	111683	260-67112		113.2550.2B.00	160292	12080	110517
228000-4570	111197	260-69105		113.2550.3B.00	160293	12590	110206
228000-4571	111197	A-1101		113.5440.2B.00	160357	12950	110208
228000-4572	111197	A-1117		113.5623.2B.10	160290	13100	110525
228000-4590	111197	A-1118		113.5623.3B.10	160291	13460	111035
228000-4591	111197	A-1250		115.7463.3B.10	160345	13830	111686
228000-4592	111197	A-1342		116.5365.2B.1E	160659	13850	111620
228000-4593	111197	A-1350		116.5404.2B.D0	160725	14100	110536
228000-4620	113208	A-1360		116.5565.2B.D0	160258	14650	110522
228000-4670	113725	A-166		116.5565.3B.D0	160408	14660	110814
228000-4671	113725	A-173		121.0901.GA.16	160484	22201	110512
228000-4750	111197	A-178		127.0907.GA.04	160571	22602	110206
228000-4750	111197	A-477		162.4102.2B.00	160005	22604	110207
228000-5120	113696	A-479		162.4102.3B.00	160006	22605	110208
228000-5121	113696	A-484		316.5565.3B.D0	160408	22606	110208
228000-5122	113696	A-495		P100	160330	22607	110210
228000-5123	113696	A-6255		P40	160321	22609	110601
228000-5382	111683	A-6330		P45	160322	22612	111249
228000-5400	114485	A-772		P50.1	160323	22616	110512
228000-5401	114485	A-80086		P60	160325	22617	110534
228000-5620	113429	A-8843		P60.1	160326	22621	110531
228000-5621	113429	MS-6007		P60.3	160326	22624	110512
228000-6250	110940	MS-632		P60.4	160326	22625	110512
228000-6391	113429	MS-651		P65	160327	22701	110210
228000-6530	113736	MS-655		P65.1	160327	22703	110213
228000-6531	113736	MS-670		P65.2	160370	22706	110531
228000-6532	113736	MS-671		P70	160328	22708	110531
228000-6550	113983	MS-673		P70.2	160411	22801	110537
228000-6551	113983	MS-677C		P702	160411	22802	111217
228000-6552	113983	MS-696		P80	160329	22806	110539
228000-6980	113725	S-6532		DODGE → CHRYSLER		ELETTROSTART	
228000-6981	113725	S-80089		DUCELLIER		ES612AM3TG	
228000-7150	110447	S8098		6127	110439	ES622AM3TG	
228000-7151	110447	S-8147		6232	110439	ELMOT	
228000-7470	114197	S-8152		7530	110971	0050000	
228000-7471	114197	S-8254		451013	112768	0070000	
228000-7671	111021	S8285		516011	110178	0090000	
228000-8080	113736	S-8299		538501	110462	0100000	
228000-8081	113736	S-8314		538502	110565	0120000	
228000-8082	113736	S-8326		538505	110565	3370000	
228000-8083	113736	S-8331		EFEL		6050000	
228000-8410	110627	S-8397		03106	110537	6080000	
228000-9100	113725	S-8465		03109	111217	6090000	
228000-9140	113736	S-8538		03285	110512	6100000	
34070-16083	113893	S-8823E		04667	110601	6110000	
34070-16800	113893	S-8865		06000	110600	6130000	
428000-0670	111911	S-8881		6000	110060	6140000	
428000-1290	113655	S-8895		06030	110061	6160000	
428000-1850	113725	S-8896		6030	110061	6180000	
428000-1860	113725	S-8897		06710	110601	6220000	
428000-2640	110447	TG-171		DEUTZ-FAHR		6250000	
01182173		112046		01182173		112046	
2.9439.290.0		111686		2.9439.290.0		111686	
2.9439.480.0		111686		2.9439.480.0		111686	
2.9439.490.0		111686		2.9439.490.0		111686	

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A124N	110611	25-0189	110525	25-1263	110520	27-0566	112098
ALT2N-14	110968	25-0198	112660	25-1268	110640	27-0567	111141
R10.03	110550	25-0201	110615	25-1268	113381	27-0572	110077
R10.05	110520	25-0201	111737	25-1400	110443	27-0624	112098
R10.06	110550	25-0201	113534	25-1410	110565	27-0630	110641
R10.07	110550	25-0208	111752	25-1415	112039	27-0648	110975
R10.08	110523	25-0210	110551	25-1416	110819	27-0721	110611
R10B	110550	25-0220	113467	25-1436	110627	27-0722	110105
R10G	110550	25-0226	110529	25-1443	110530	27-0723	111289
R10TA	110520	25-0226	110813	25-1444	110530	27-0730	110105
R10U	110550	25-0227	111221	25-1466	112034	27-0730	111649
R11.01	110545	25-0227	111755	25-1466	112171	27-0775	110170
R11.02	110551	25-0232	111752	25-1473	112034	27-0832	110075
R11.03	110522	25-0262	110525	25-1485	112034	27-0837	110178
R11.06	110545	25-0264	110537	25-1487	110530	27-1618	111042
R11.07	110529	25-0264	111217	25-1489	112041	27-2526	111686
R11.10	110545	25-0270	111001	25-1496	110933	28-0285	111224
R11.12	110536	25-0275	111001	25-155	110536	28-0502	110975
R11A	110545	25-0280	110461	25-1629	110770	28-0505	110179
R11B	110551	25-0282	110536	25-2001	110468	28-0506	110975
R11C	110522	25-0285	111224	25-2008	112268	28-0506	112098
R11F	110545	25-0287	110530	25-2025	111300	28-0509	110178
R11K	110536	25-0287	111001	25-2040	111885	28-0509	111185
R11N	110545	25-0315	110545	25-2067	111574	28-0510	112310
R11W	110529	25-0324	111217	25-2086	111197	28-0511	111620
R20.17	110512	25-0334	110443	25-2087	111224	28-0511	111686
R20.42	110210	25-0337	111332	25-2089	110940	28-0517	110882
R20Z	110512	25-0339	110529	25-2094	110552	28-0517	110890
R22.05	110210	25-0339	110640	25-2095	112074	28-0527	111948
R22.07	110213	25-0339	110813	25-2109	111197	28-0537	110899
R22.10	110531	25-0340	110814	25-2110	112555	28-0537	111035
R22.12	110531	25-0352	113269	25-2126	110356	28-0537	111180
R23.05	110210	25-0355	110442	25-2189	111087	28-0538	110912
R23.08	110206	25-0355	110443	25-2194	110447	28-0543	110178
R23.10	110207	25-0356	113268	25-2226	112442	28-0543	110179
R23.11	110208	25-0413	111332	25-2241	112172	28-0544	110179
R23.13	110601	25-0430	110545	25-226	110529	28-0548	111184
R23.14	111249	25-0430	114254	25-2286	110178	28-0561	112098
R23.16	110512	25-0432	111755	25-2313	110464	28-0594	110975
R23.17	110512	25-0433	110462	25-2314	111703	28-0598	110178
R23.18	110534	25-0441	112089	25-2321	111855	28-0603	112768
R23.25	110512	25-0465	110813	25-2330	111300	28-0604	111289
ELPRESS		25-0472	110522	25-2357	112172	28-0604	113474
A4685R	190255	25-0476	110412	25-2368	110421	28-0606	113574
ELSTOCK		25-0486	110246	25-2390	111855	28-0607	110970
25-0008	110551	25-0487	113482	25-2402	111346	28-0607	111948
25-0013	111103	25-1003	110819	25-2427	111755	28-0620	110360
25-0016	110449	25-1007	110817	25-2431	112135	28-0628	110969
25-0018	110537	25-1012	110518	25-2433	110510	28-0633	110641
25-0018	111217	25-1022	110460	25-2435	112135	28-0635	110968
25-0037	110536	25-1029	112136	25-2460	111499	28-0637	110178
25-0040	110439	25-1030	111346	25-2464	113725	28-0650	110178
25-0041	110443	25-1050	111683	25-2494	110460	28-0650	111185
25-0041	110565	25-1055	110491	25-3059	113182	28-0650	111289
25-0041	111346	25-1058	110844	25-3062	112442	28-0651	110179
25-0060	110462	25-1073	110439	25-3079	111024	28-0651	111184
25-0063	110818	25-1084	110245	25-3123	112071	28-0675	110968
25-0064	110462	25-1085	110933	25-3148	112442	28-0693	110975
25-0064	111499	25-1087	110421	25-3157	110447	28-0700	110875
25-0064	112074	25-1088	110551	25-3162	111260	28-0701	110975
25-0065	110462	25-1094	111021	25-339	110529	28-0717	113574
25-0070	110462	25-1097	110356	25-4000	110552	28-0718	111035
25-0072	112039	25-1106	111683	25-4047	113696	28-0720	111035
25-0073	110775	25-1109	110933	25-4079	114021	28-0723	110178
25-0076	110438	25-1113	112246	25-432	111755	28-0723	110968
25-0081	111573	25-1118	111752	25-472	110522	28-0723	111289
25-0089	112249	25-1119	110438	25-495	110178	28-0723	113474
25-0090	110537	25-1131	111098	26-0069	110868	28-0724	110969
25-0104	110245	25-1151	110412	26-1116	110421	28-0724	111356
25-0119	110421	25-1151	111683	26-1280	112172	28-0725	110178
25-0125	110537	25-1157	110182	26-1290	111911	28-0725	110968
25-0141	110439	25-1163	112674	26-2238	111911	28-0725	111289
25-0142	110818	25-1164	110447	26-3376	111911	28-0726	110178
25-0155	110536	25-1173	110469	26-415	110178	28-0726	110969
25-0157	110536	25-1176	110551	27-0535	110611	28-0727	110770
25-0162	113482	25-1178	111332	27-0537	110899	28-0727	111289
25-0177	111791	25-1201	110421	27-0538	110611	28-0730	110105
		25-1225	111015	27-0561	112098	28-0730	111649
		25-1242	110539	27-0565	112098	28-0736	110875

AGRICULTURAL MACHINERY

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK continued							
28-0739	111141	28-1771	113632	28-3835	111830	48-0780	110117
28-0742	111141	28-1775	111620	28-3843	112062	48-0848	111528
28-0759	110971	28-1777	110770	28-3925	111048	48-0848	113477
28-0759	110975	28-1777	111355	28-4693	111355	48-0930	110448
28-0761	112310	28-1777	112722	28-5624	113898	48-1501	112113
28-0768	110881	28-1778	111620	28-5902	114379	48-1501	113477
28-0772	112742	28-1783	112718	28-726	110969	48-1506	110801
28-0773	110882	28-1792	111356	28-761	112310	48-1592	111419
28-0773	110890	28-1792	111362	28-773	110912	48-1667	112113
28-0773	110912	28-1830	112046	29-0503	110482	48-1758	113477
28-0773	111686	28-1835	110881	29-0503	110483	48-1904	110761
28-0773	112768	28-1840	111363	29-0520	110483	48-1921	110766
28-0793	110508	28-1843	110770	29-0547	110484	48-2740	110801
28-0794	110178	28-1866	110105	45-0030	110531	48-2742	112097
28-0794	110770	28-1866	113632	45-0091	110512	48-2743	110801
28-0794	111356	28-1873	110505	45-0128	110512	48-2756	111833
28-0794	111362	28-1878	110770	45-0128	110601	48-2992	110591
28-0795	111289	28-1878	113474	45-0128	111249	48-3684	112170
28-0797	110972	28-1888	111948	45-0150	110213	48-3692	110300
28-0799	111168	28-1894	112098	45-0184	110534	48-3764	113477
28-0804	111035	28-1897	110325	45-0185	110206	48-5610	112160
28-0805	110107	28-1901	111141	45-0190	110210		
28-0805	111948	28-1950	110882	45-0197	110207	ELTRA	
28-0809	110770	28-1956	112529	45-0202	110520	64013708	113431
28-0809	111289	28-1957	110621	45-0219	110523		
28-0809	111355	28-1966	111940	45-0228	110518	FAUN	
28-0809	111362	28-1978	110360	45-0252	110517	1701054	110525
28-0817	110881	28-1985	112183	45-0252	110521	1701065	110523
28-0825	110075	28-1997	111048	45-0254	110531	1702114	110766
28-0825	110505	28-2507	111048	45-0291	110206	1702117	111141
28-0825	110508	28-2538	112529	45-0316	113484	1702121	112747
28-0849	110972	28-2543	111355	45-0327	110208	4792491	112747
28-0849	111168	28-2544	113632	45-0331	110601		
28-0850	110445	28-2550	111369	45-0345	110517	FEMSA	
28-0864	110972	28-2556	111739	45-0354	112132	ALB40-68	110611
28-0864	111168	28-2557	111289	45-0398	110521	ALB40-86	110611
28-0865	110972	28-2574	111888	45-0435	110512	ALF12-18	110968
28-0865	111168	28-2644	112492	45-0438	110999	ALP12N-1	110969
28-0871	113574	28-2645	111832	45-0440	110347	ALP12N-2	110178
28-0907	111289	28-2648	113531	45-0488	110208	ALS12N-51	111289
28-0927	113611	28-2670	113921	45-1027	111000	ALS12N-72	111289
28-0931	110512	28-2678	111620	45-1123	110213	ALS12N-75	111289
28-0933	110105	28-2685	110178	45-1267	110999	ALT12N-11	110178
28-0934	110620	28-2692	112768	45-1274	110534	ALT12N-13	110968
28-0940	110107	28-2701	110360	45-1302	110207	ALT12N-14	110178
28-0948	111141	28-2738	111716	45-1428	110512	ALT12N-2	110968
28-0973	111948	28-2744	112098	45-1463	112243	ALT12N-39	110178
28-0982	110890	28-2754	110770	45-184	110534	DNL12-22	110482
28-0982	110912	28-2784	113469	45-202	110520	DNL12E-42	110483
28-0982	112768	28-2792	112556	45-2059	110347		
28-0989	110505	28-2821	111289	45-2061	110512		
28-0998	110881	28-2835	111289	45-2184	110206	FENDT	
28-1503	110620	28-2858	112035	45-2198	113850	F135902060010	111332
28-1504	111048	28-2866	113611	45-2213	110999	F139900060011	112039
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28-1513	111185	28-2885	112722	45-228	110518	F920901010010	112529
28-1513	111289	28-2893	111369	45-2332	111254	G198902011010	111978
28-1514	111662	28-2911	110882	45-2345	111000	G345900011010	112098
28-1535	111048	28-2940	111843	45-2375	110206	G515900010100	112196
28-1542	111948	28-2940	113531	45-2377	110210	X830060011	110641
28-1553	110505	28-2952	110105	45-2397	111000	X830060020	112098
28-1586	110360	28-2952	113632	45-2401	113184	X830060022	112098
28-1586	111035	28-2981	110912	45-252	110521	X830100001	110536
28-1591	113474	28-2993	111940	45-3110	113356	X830100009	111332
28-1602	111740	28-3519	111289	45-3193	113484		
28-1615	110178	28-3519	111362	45-345	110517	FIAT	
28-1615	111185	28-3529	112194	45-398	110521	992235	111035
28-1626	111215	28-3573	112556	47-0539	110766	2022607	110882
28-1628	112238	28-3612	112194	47-0540	112097	2022612	110890
28-1629	110770	28-3646	110508	47-0541	112097	2961928	110530
28-1629	111355	28-3691	112194	47-0660	110766	4152101	110611
28-1629	112238	28-3718	112529	47-0734	110766	4152610	112097
28-1629	112722	28-3731	112389	48-0529	112747	4152612	110882
28-1629	113574	28-3743	112194	48-0541	112097	4166213	110611
28-1657	111620	28-3751	111355	48-0590	110043	4169096	110813
28-1724	112736	28-3757	111740	48-0591	110043	4172004	110521
28-1734	111686	28-3773	112492	48-0734	110117	4172113	110529
28-1735	111035	28-3797	113763	48-0734	110766	4174626	110611
28-1762	110968	28-3801	112196	48-0741	110761	4187587	110521

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4220356	112097	4738026	111419	7541775	110360	77515411	110890
4220539	112097	4738563	112097	7541823	111035	77563430	110520
4223787	112097	4738569	112097	7547935	111620	77604410	111620
4224325	110899	4738570	112097	7548143	111620	88205005	110813
4231016	110521	4738571	112097	7554830	111620	88205006	110529
4231018	110521	4738772	112097	7554832	111620	88206020	112097
4232191	110521	4738775	112097	7554833	111620	99488730	160671
4242498	110611	4744841	110517	7565244	110882	605576460	112773
4242730	110890	4745930	110814	7565391	111620	9612358180	160629
4257063	110899	4750583	110890	7565393	111620	TGE422L	160671
4257074	110899	4752403	110517	7565395	111620	V450DT	113381
4257771	110899	4755108	110521	7565560	112768		
4263584	110890	4755109	110529	7575998	110912	FIAT ALLIS	
4263983	110890	4755110	110522	7580207	111035	73113742	110801
4269114	110521	4755111	110518	7581975	110360	73119134	110801
4274815	110899	4755113	110520	7618893	160376		
4275283	110899	4757192	111419	7641842	111620	FORD	
4275285	110899	4757193	111419	7646189	111620	1005308	111362
4275286	110899	4757194	111419	7646261	111620	1005370	111289
4285622	110890	4759929	110813	7647595	111620	1438288	110868
4320622	160308	04763995	110521	7697863	111620	1504563	110178
4320627	160308	4763995	110521	7697864	111620	1516986	110482
4325179	110899	4765931	111686	7740560	110521	1537179	110178
4329019	110611	4765933	111686	7765558	111035	1553523	111289
4379249	160327	4765934	111686	8122161	110534	1568699	110868
4384372	160327	4780974	110347	8961386	110520	1571389	111289
4395131	111035	4782803	110213	8962534	110520	1610118	111362
4403045	111289	4786913	112097	42498212	110518	1620918	112747
4424346	110912	4787665	110882	46231680	111180	1652613	160535
4434084	111035	4787668	111686	46231684	111035	1653206	110461
4447411	110912	4787671	111686	46231687	111035	1653210	110461
4474729	111180	4800503	111686	46231700	111620	1958438	160197
4474752	111180	4800504	111686	46231735	111620	3918688	112074
4474815	110899	4807373	110813	46231740	111620	5003623	110868
4474816	110899	4807374	110814	46231745	111620	5003643	110461
4474902	112097	4807375	110529	46231751	110882	5003897	110178
4474903	110611	4807376	110522	46231755	110912	5003898	111289
4474904	110611	4807377	110517	46231757	112768	5003902	111289
4475266	111180	4807378	110521	46231758	111686	5003903	111289
4475268	111180	4807379	110518	46231786	110890	5007062	111289
4475303	110611	4808498	110882	46431710	111620	5007075	111289
4478678	110912	4808503	110890	46443793	160197	5007077	111289
4682998	110813	4808505	110890	46445094	111620	5008989	111362
4682999	110521	4808506	111686	46445096	111620	5010556	111184
4691200	110517	4808510	111686	47132888	114002	5010557	111289
4692477	110521	4808511	111686	47137534	114002	5021162	111289
4692877	110521	4808517	111686	50012833	110912	5023517	111289
4699704	110521	4808518	111686	51217620	111180	5023521	111289
4699705	110529	4808519	112097	60808979	160197	5023530	111289
4701920	110521	4808526	112097	61227993	110208	5026096	111362
4702248	110529	4808528	112097	77028550	110882	5026102	111289
4706008	110518	4816170	110999	77028560	110814	6021775	111289
4706720	110520	4844266	111419	77040560	110521	6033117	111289
4706931	110517	4856056	110814	77040561	110521	6136276	111289
4710224	110813	4919664	110814	77050262	110518	6136946	111362
4711699	110814	4998353	111180	77050550	112097	6153469	160535
4711700	110882	5101645	110882	77050561	110517	6160195	171162
4713806	110522	5111319	113381	77050562	110518	6173461	113574
4715786	112097	5882107	160308	77065560	110520	6181359	111356
4716026	110518	5920974	110912	77080560	110517	6192883	111289
4716062	110518	5943452	110912	77080561	110517	6696033	171162
4717871	112097	5955557	111620	77097430	110520	7003178	160535
4719664	110814	5958394	111035	77130560	110520	9968969	160647
4721587	110882	5958395	111035	77138410	110611	81866002	112074
4721589	110890	5958565	111620	77145410	111180	82005342	112074
4721591	110890	5960289	111620	77250410	111180	82005343	113968
4721592	110890	5960292	110912	77320410	111035	82006984	070134
4721890	112097	5962647	110912	77323410	110912	82007917	112074
4722682	110813	5967595	111035	77338410	110912	82013922	112074
4722724	112097	5967596	111035	77340410	110912	82013923	113968
4728682	110813	5970230	110912	77340411	110912	89821291	112074
4731839	110890	5972197	110912	77367411	111035	702000150	110462
4732242	110213	5976915	110912	77414430	110521	898821291	112074
4735444	110521	5979027	160197	77414431	110521	1C1T10300BB	113621
4737754	110521	5992153	111620	77444430	110521	69EB10002CA	110482
4737755	110529	5992155	111620	77445430	110521	69EB10346AD	110178
4737756	110518	6706931	110517	77452410	111686	70GB11000BA	110868
4737757	110520	7533853	111035	77503410	111620	715F10300BA	111289
4737759	110522	7541401	111620	77515410	110882	715F10300BB	111289

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD continued				HEAT-ON			
715F11000MA	110461	89AX10300HA	111289	1331	060222	2TJ801000-001	170640
71BB11000AA	110868	89FF10300AB	111356	1518	060058	2TM006717-047	170886
71EB11000BA	110868	89FF10300AC	111356	66231	060229	2XS005639-001	171196
71YB11000AA	110462	89FF10300GA	111356	1331-12	060222	2ZR001389-101	171224
72GB10300NA	111289	8N11001	113728	1350-8	060227	2ZR001423-001	170934
72GB10300RA	111289	8N11002	113728	1531-10	060215	2ZR002985-081	170935
74DB10436A	110178	92VW8502AA	070192	1531-5012	060210	2ZR002985-264	170935
74EB10300FA	111289	95VW8502BA	070192	1531-5024	060211	2ZR003315-041	170932
74EB10300HB	111289	95VW8502AA	070192	1531M-2412	060059	2ZR997033-011	171222
755F11000AB	110461	9N11001	113728	1531M-2424	060060	4DB001887-001	160243
755F11000AA	110461	9N11002	113728	1531M-5012	060213	4DB001887-002	160243
75EB10300EA	111289	C3OF11001B	111224	1531M-5024	060214	4DB001887-021	160243
76BB10300CA	111289	C5TZ11002C	112089	2100-12	060223	4DB001887-022	160243
76BB10300ED	110178	C6NF11000A	110462	2100-24	060233	4DB002478-171	160242
76BB10300HA	111289	C6TF11000A	112089	3031-24	060235	4DB002895-011	160242
76BB10300HB	111289	C6TF11000C	112089	3050-30	060219	4DB002895-012	160242
76BB10300JA	111289	C6TZ11002E	112089	3055-12	060216	4DB003675-001	160261
76EB11000AA	110868	C7NN11000A	110462	3055-24	060220	4DB003750-071	160242
77FB10300FA	110178	C7NN11000B	110462			4DB003750-151	160242
77FB10300FB	110178	D0NN11000A	110462	HELLA		4DB004124-002	160341
77FB10300KA	111289	D0NN11000B	110462	1A3002850-031	170868	4DB004124-003	160312
78FB10300AB	111289	D1NN11000A	110462	1A3996026-011	171038	4DB004225-001	160305
78FB10300BA	111289	D2NN11000B	110462	1GA006876-001	171168	4DB004225-002	160305
78FB10300BB	111289	D4NN11000B	110462	1GA006991-001	170851	4DD006716-011	160791
78FB10300BC	111289	D7NN10300B	110170	1GA006991-041	170851	4DM001861-181	160262
78FB10300AA	111289	D7NN11000B	110462	1GA006991-044	170851	4DM003360-001	160244
78FB10346AB	111289	D8NN11000CA	110462	1GA007506-011	170857	4DM003360-002	160244
79BB10300AC	111289	D8NN11000CE	110462	1GA007506-091	170857	4DM003390-011	160244
79BB10300AD	111289	D9NN11000AA	110462	1GA998532-011	170859	4DM003460-021	160314
81AB10300ABA	111289	E6HT11001CA	112089	1AA004109-041	170867	4DM003460-027	160314
81AB10300AC	111289	E6HZ11002C	112089	2BE001259-061	171215	4DM003640-051	160305
81AB10300BA	111289	E6HZ11002D	112089	2BE003014-251	170925	4DM003640-052	160305
81AB10300CA	111289	E7NN10B376AB	111740	2BE003184-051	171217	4DM003944-041	160262
81AB10300NA	111289	E7NN10B376BA	111740	2BE003184-061	171218	4DN003438-007	160263
81AB10300UB	110462	E7NN10B376BB	111740	2BE998530-011	171216	4DN003438-011	160263
81BB10300CA	111289	E7NN10B376AA	111740	2KA001386-281	170936	4DN003438-047	160263
81DB10300BA	113574	E8HT11001AA	112089	2KA001389-101	171166	4DN003438-067	160263
81GB10300AA	111289	E8HZ11002A	112089	2KA001389-101	171166	4DN003438-127	160263
825F10300B2A	111289	E8HZ11002HA	112089	2KA003389-061	171225	4DW003944-051	160199
82BB10300HA	111289	E9HT11001BA	113125	2KA003389-067	171225	4RA003437-041	160239
82FB10300BB	111362	E9HZ11002A	113125	2KA997011-021	171224	4RA003437-047	160239
82FB10300CA	111289	F0NN10B376AB	111739	2NE001412-091	170930	4RA003437-051	160240
82FB10300EA	111362	F0NN10B376BB	112718	2NE001423-011	170929	4RA003437-057	160240
83AB10300AC	111289	F0NN10B376AA	113623	2NE003315-011	170928	4RA003510-081	160083
83AB10300AA	111289	F0NN11000BA	112074	2PF001259-631	171182	4RA003510-111	160282
83BB10300DA	111289	F0NN11000CA	112074	2PF001638-011	170875	4RA003510-157	160307
83BB10300DB	111289	F0NN7H022BA	113968	2PF003057-041	171171	4RA003510-267	160265
83BB10300DC	111289	F1NN11000AA	113968	2PG006717-021	170887	4RA007782-011	160363
83BB10300EA	111289	F2NN10B376BA	113623	2PS003057-051	171175	4RD001838-011	160081
83BB10300HA	111362	F2NN10B376CA	113623	2PS006717-031	171175	4RD001838-021	160216
83BX10300DC	111289	F2NN10B376AA	112718	2PS006717-061	170885	4RD003520-031	160308
83DB10346AA	112747	R72GB10346NA	111289	2SA001259-651	171181	4RD003520-071	160337
84AB10300DA	111289	R86AX10300AB	111362	2SA001259-751	171181	4RD003520-081	160081
84FB10300KA	111289	R89FX10300GB	111356	2SA003057-021	171173	4RD003520-091	160216
84FB10300MB	111289	SA764A	113125	2SA006717-001	170886	4RD003520-131	160308
85BB10300DA	111362	SA768A	112089	2SA997027-001	171331	4RD007783-011	160365
85BB10300EA	111289	SBA185046320	113562	2SD001685-211	171195	4RD007794-021	160403
85BX10300EA	111289	SBA185086410	111300	2SD001685-231	171195	4RD007794-031	160403
85FB10300BA	111289	SBA185086500	111300	2SD001685-341	171195	8EA725962-001	110536
86AB10300AB	111289	SBA185086530	113696	2SD001685-341	171329	8EA725963-001	112660
86AB10300ABA	111289	SBA185086551	112177	2SD002578-011	171191	8EA725965-001	110439
86AB10300AC	111289	SBA185086650	112177	2SD003184-031	171203	8EA725966-001	110775
86AB10300DA	110179	GE LIGHTING		2SD003184-041	171204	8EA725967-001	110536
86AB10300DB	111289	886	170951	2SE001685-201	171194	8EA726019-001	110525
86AB10300EB	111362	894	170726	2SE001685-221	171194	8EA726022-001	110206
86AB10300AA	111289	1157	170724	2SE001685-331	171194	8EA726023-001	110512
86AX10300AB	111362	3157	170710	2SE001685-331	171328	8EA726024-001	110531
86AX10300DB	111362	9004	170692	2SE002578-001	171191	8EA726025-001	110210
86BB10300DB	110179	9005	170693	2SE002578-701	171191	8EA726026-001	110462
86VB10300AA	110770	9006	170694	2SE003184-011	171203	8EA726027-001	110565
86VB17K624AA	160535	3057NA	170711	2SE003184-101	171204	8EA726029-001	110814
873F10300BA	110770	HATTAT TARIM		2SE997111-011	171203	8EA726030-001	110517
87AB17K624AC	160535	9HT12010A6A	114388	2SE997111-021	171204	8EA726031-001	110521
87BB10300BA	111362	HATZ		2SE998530-001	171202	8EA726032-001	110529
89AB10300EA	111289	40099300	111649	2TF001259-661	171197	8EA726083-001	110530
89AB10300GA	111289			2TF001259-761	171197	8EA726085-001	110461
89AB10300HA	111289			2TJ003168-051	171196	8EA726104-001	110844
89AX10300EA	111289			2TJ781000-001	170668	8EA726131-001	110534
						8EA726142-001	110518

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
8EA726143-001	111755	8EA737266-001	110627	8EL730132-001	110075	9EL113324-001	171237
8EA726146-001	113467	8EA737271-001	110436	8EL730134-001	110170	9EL113324-041	171237
8EA726151-001	111752	8EA737417-001	111911	8EL730145-001	110300	9EL117334-001	171242
8EA726154-001	110208	8EA737443-001	111885	8EL730146-001	110325	9EL118697-001	171258
8EA726159-001	112135	8EA737486-001	111300	8EL730148-001	110427	9EL118700-001	171258
8EA726161-001	112172	8EA737583-001	111791	8EL730160-001	110504	9EL118701-001	171259
8EA726167-001	110213	8EA737621-001	112074	8EL730161-001	110508	9EL121431-001	171259
8EA726170-001	110523	8EA737629-001	112071	8EL730164-001	110801	9EL146451-001	171236
8EA726177-001	110207	8EL725574-001	110611	8EL730168-001	110952	9EL786000-001	170641
8EA726182-001	111332	8EL725580-001	111289	8EL731708-001	113632	9EL787000-001	170642
8EA726196-001	110813	8EL725581-001	111035	8EL731718-001	113477	9EL997451-001	171258
8EA726233-001	110868	8EL725583-001	110912	8EL731721-001	110621	9EL997452-001	171259
8EA726255-001	110207	8EL725584-001	110043	8EL731725-001	112718	9EL998002-001	171253
8EA726424-001	110421	8EL725589-001	110360	8EL731732-001	112113	9XD997909-801	171266
8EA726504-001	111683	8EL725606-001	110178	8EL731751-001	112125	HERTH-BUSS	
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8EA730174-001	110545	8EL725621-001	110179	8EL732698-001	113632	42011140	111332
8EA730193-001	112136	8EL725622-001	110766	8EL732699-001	113632	42016550	112555
8EA730198-001	110522	8EL725625-001	111141	8EL732716-001	111369	42017880	113478
8EA730209-001	110443	8EL725628-001	111185	8EL732717-001	112529	42018070	112034
8EA730210-001	110449	8EL725629-001	111184	8EL732718-001	111042	42019000	110206
8EA730219-001	110615	8EL725633-001	110875	8EL732736-001	110620	42132027	110449
8EA730220-001	110640	8EL725640-001	112097	8EL732742-001	110508	82710046	171627
8EA730222-001	111755	8EL725641-001	111289	8EL737017-001	113531	J5110401	112194
8EA730226-001	110208	8EL725644-001	110761	8EL737078-001	110643	J5111051	110968
8EA730261-001	110421	8EL725653-001	111948	8EL737214-001	111296	J5113019	110969
8EA730263-001	110245	8EL725662-001	110881	8EL737217-001	111888	J5215011	110182
8EA730264-001	110246	8EL725671-001	111035	8EL737218-001	111843	HITACHI	
8EA730266-001	110356	8EL725673-001	110882	8EL737307-001	111362	GSB107-06	113145
8EA730267-001	110412	8EL725676-001	110972	8EL737364-001	111833	GSB107-06E	113145
8EA730270-001	110447	8EL725676-001	111168	8EL737371-001	112098	GSB107-06F	113145
8EA730278-001	110552	8EL725707-001	111362	8EL737507-001	111740	LR140-714	113401
8EA730303-001	110999	8EL725714-001	113574	8EL737516-001	111978	LR140-714B	113401
8EA730305-001	110604	8EL725718-001	110890	8EL737544-001	110770	LR140-716	113401
8EA730307-001	110347	8EL725728-001	111419	8EL737555-001	112718	LR140-719	113401
8EA730310-001	110468	8EL725732-001	110360	8EL737562-001	111716	LR140-721	113401
8EA730311-001	110469	8EL725742-001	112098	8EL737563-001	111940	LR140-721B	113401
8EA730316-001	110491	8EL725743-001	112736	8EL737564-001	110770	LR140-721C	113401
8EA730324-001	110510	8EL725744-001	110766	8EL737572-001	111948	LR140-721D	113401
8EA730328-001	110635	8EL725759-001	111686	8EL737617-001	112046	LR140-721E	113401
8EA730333-001	110060	8EL725762-001	110881	8EL737647-001	112097	LR150-190	110107
8EA730334-001	110061	8EL725770-001	112742	8EL737651-001	112098	LR150-191	110107
8EA731762-001	111001	8EL725772-001	110117	8EL737662-001	110497	LR220-23	110448
8EA731770-001	112132	8EL725774-001	112098	8EL737664-001	110968	LR220-24	110448
8EA731785-001	113381	8EL725794-001	110899	8EL737665-001	110969	S114-203	113680
8EA732654-001	110551	8EL725799-001	111528	8EL737666-001	110970	S114-230	112674
8EA732663-001	111098	8EL725800-001	112747	8EL737667-001	110971	S114-230A	112674
8EA732665-001	111197	8EL725801-001	113611	8EL737668-001	110972	S114-381	110552
8EA732671-001	110933	8EL725805-001	111620	8EL737671-001	110975	S114-385	111098
8EA732673-001	110940	8EL725806-001	110972	8EL737674-001	111204	S114-656	113680
8EA732679-001	111012	8EL725807-001	110972	8EL737691-001	112194	S114-656A	113680
8EA732680-001	111760	8EL725822-001	110105	8EL737704-001	112196	S12-73	110565
8EA732685-001	110949	8EL725855-001	111355	8JA001909-001	170964	S12-84	110443
8EA732851-001	111021	8EL725866-001	112238	8JA001920-001	180403	S12-85	110439
8EA732852-001	111087	8EL725882-001	110770	8JA002263-001	180401	S12-87	110439
8EA732855-001	110999	8EL725885-001	113469	8JA003525-001	190766	S13-06	110412
8EA732856-001	111000	8EL725896-001	111948	8JA005951-051	180330	S13-06A	110412
8EA732857-001	111049	8EL725899-001	111662	8JA103500-001	180332	S13-111	110412
8EA732894-001	111015	8EL725903-001	112098	8JA715606-001	190767	S13-123	110412
8EA737086-001	112555	8EL725911-001	112238	8JB001933-001	180402	S13-136	111683
8EA737088-001	111574	8EL725915-001	112768	8JB001944-001	180404	S13-25	110412
8EA737089-001	110545	8EL725930-001	112194	8JB102100-001	180329	S13-27	110412
8EA737091-001	110442	8EL725943-001	110641	8RA002014-031	170165	S13-27A	110412
8EA737093-001	110460	8EL725944-001	111180	8RA002014-041	170170	S13-28	110412
8EA737094-001	110464	8EL725958-001	111289	8RA002014-051	170169	S13-33	110412
8EA737095-001	110511	8EL726350-001	111048	8RA002020-001	170163	S13-33A	110412
8EA737096-001	110537	8EL726530-001	110482	8RA002023-021	171233	S13-33B	110412
8EA737098-001	111024	8EL726531-001	110483	8RA002023-21	171233	S13-61	110462
8EA737102-001	111217	8EL726532-001	110484	8TW004223-031	160197	S13-61A	110462
8EA737132-001	111224	8EL730002-001	110107	8TW005206-031	160381	S13-73	110565
8EA737133-001	110245	8EL730004-001	110360	8TW005206-051	160382	S13-73B	110565
8EA737140-001	111041	8EL730007-001	111686	8TW005496-0051	160198	S13-74	110565
8EA737236-001	111499	8EL730023-001	111363	8TW005496-011	160679		
8EA737243-001	111346	8EL730024-001	111739	8TW006847-001	160535		
8EA737245-001	111284	8EL730032-001	111649	8TW006849-001	160386		
8EA737248-001	110539	8EL730043-001	110077	9DF112246-001	170620		
8EA737249-001	110819	8EL730044-001	110639	9DF112247-001	170621		
8EA737261-001	111275	8EL730119-001	110445	9EL112753-001	171236		
8EA737264-001	111254	8EL730130-001	110448	9EL112758-001	171236		

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HONDA		11.130.142	111217	11.130.793	111755	11.139.454	110518
31100-ZA1-0030	112246	11.130.146	110517	11.130.795	110464	11.139.455	110522
31200-ZA1-0030	112246	11.130.170	110520	11.130.797	113007	11.139.456	113381
31200-ZE8-8010	112246	11.130.172	110523	11.130.807	110565	11.139.506	110206
31210-ZE1-023	113671	11.130.179	110545	11.130.819	111755	11.201.017	111035
		11.130.194	110439	11.130.820	113532	11.201.027	110641
HYUNDAI → KIA		11.130.198	110640	11.130.821	110551	11.201.032	110766
HYSTER		11.130.199	110529	11.130.836	113570	11.201.037	111180
302821	110325	11.130.200	110565	11.130.841	112071	11.201.052	110766
323812	111683	11.130.201	110530	11.130.860	111224	11.201.055	112097
3049509	110325	11.130.203	110813	11.130.872	110565	11.201.062	113469
INTERNATIONAL HARV.		11.130.216	110517	11.130.881	113482	11.201.066	110766
104452A2R	113725	11.130.225	110521	11.130.889	111752	11.201.067	110178
1243060H91	110801	11.130.229	110525	11.130.895	112135	11.201.068	111289
146487C91	111713	11.130.253	110530	11.130.896	112136	11.201.069	110766
1987559C1	113725	11.130.254	111001	11.130.897	110545	11.201.070	110882
3055414R92	111752	11.130.320	110449	11.130.898	111001	11.201.071	112768
3055557R92	111752	11.130.322	110529	11.130.972	110818	11.201.075	112097
3138942R91	110641	11.130.364	110520	11.130.999	114050	11.201.085	111035
3218239EX	110641	11.130.366	110522	11.131.002	112171	11.201.093	111035
3218239R91	110641	11.130.373	110565	11.131.038	112660	11.201.095	110970
3218544R91	112098	11.130.376	110545	11.131.063	113478	11.201.096	110641
3218577EX	111662	11.130.386	110565	11.131.070	110615	11.201.097	111141
3218577R91	111662	11.130.403	110529	11.131.108	113478	11.201.102	111141
3218677R91	111752	11.130.408	110439	11.131.109	111855	11.201.112	110890
3218884EX	110766	11.130.409	110640	11.131.116	113901	11.201.115	111662
3218884R91	110766	11.130.410	110529	11.131.117	113429	11.201.146	112310
3228192R91	112135	11.130.411	110565	11.131.157	112034	11.201.167	111035
3228193R91	111752	11.130.412	110525	11.131.162	110819	11.201.186	110766
423103C91	112260	11.130.414	110545	11.131.167	113532	11.201.204	111035
424430C91	112260	11.130.419	110565	11.131.221	113478	11.201.207	111035
524023C91	110591	11.130.436	111350	11.131.249	114254	11.201.219	112098
586986C91	112989	11.130.484	110536	11.131.274	113007	11.201.226	110881
590071C91	112260	11.130.490	110518	11.131.292	114264	11.201.230	112310
683594C91	110300	11.130.491	110523	11.131.300	113429	11.201.242	110890
82068EX	110537	11.130.492	110521	11.131.318	113532	11.201.272	110178
998504R91	112260	11.130.500	110814	11.131.352	114002	11.201.276	113574
A170746	113725	11.130.509	110565	11.131.374	111755	11.201.292	112183
A181873	111888	11.130.510	113381	11.131.426	113901	11.201.299	111168
A187623	111843	11.130.520	110819	11.131.542	113570	11.201.301	111289
E41565	110523	11.130.521	110530	11.131.603	110813	11.201.304	112768
M41595	110766	11.130.526	110615	11.131.604	113182	11.201.306	110890
R941520	112747	11.130.531	112249	11.131.605	114388	11.201.327	111686
V941501	110536	11.130.533	111755	11.131.635	110442	11.201.328	111686
		11.130.534	111755	11.131.697	114264	11.201.329	111686
		11.130.551	110536	11.131.705	112074	11.201.336	110882
		11.130.552	110536	11.131.727	113570	11.201.357	111686
		11.130.565	112041	11.131.728	113901	11.201.372	110641
ISEKI		11.130.567	112555	11.131.750	113900	11.201.390	110971
6281-100-010-1E	111683	11.130.569	111755	11.131.754	112071	11.201.396	113474
6281-100-010-2F	111683	11.130.579	110462	11.131.761	114388	11.201.399	111362
6281-100-010-2H	111683	11.130.595	113484	11.131.769	112071	11.201.405	111035
		11.130.612	112039	11.131.781	114388	11.201.415	111362
ISKRA		11.130.618	113381	11.131.793	114388	11.201.432	111035
10.130.121	110601	11.130.619	113467	11.131.829	111001	11.201.444	112098
10.130.123	110512	11.130.620	112249	11.131.848	114264	11.201.453	110105
10.130.141	110439	11.130.624	110462	11.131.863	114220	11.201.457	110890
10.130.142	111217	11.130.627	112074	11.131.928	111015	11.201.463	111686
10.130.143	111217	11.130.629	110565	11.131.942	114388	11.201.468	112097
10.130.207	111217	11.130.630	110818	11.131.947	114388	11.201.470	110968
11.125.071	130037	11.130.632	110819	11.131.951	111855	11.201.478	110881
11.125.078	235781	11.130.662	113007	11.131.989	114388	11.201.499	112098
11.130.005	110601	11.130.663	111224	11.132.036	114388	11.201.500	111662
11.130.026	110536	11.130.664	111885	11.132.159	110565	11.201.502	111662
11.130.041	110206	11.130.669	111332	11.139.008	110537	11.201.503	111740
11.130.074	110439	11.130.670	111332	11.139.020	110213	11.201.504	111740
11.130.075	110523	11.130.676	113356	11.139.032	110210	11.201.507	111662
11.130.076	110565	11.130.685	113431	11.139.033	111217	11.201.511	110881
11.130.083	110530	11.130.692	110545	11.139.034	110601	11.201.512	110881
11.130.115	110512	11.130.695	111885	11.139.035	110512	11.201.514	111686
11.130.116	110537	11.130.697	110522	11.139.036	110537	11.201.519	111833
11.130.117	110536	11.130.704	111752	11.139.037	110537	11.201.531	111289
11.130.121	110520	11.130.705	112135	11.139.038	110449	11.201.544	110971
11.130.123	110814	11.130.706	111332	11.139.052	110512	11.201.555	111419
11.130.124	110518	11.130.711	110439	11.139.098	111217	11.201.557	110766
11.130.126	110537	11.130.748	113532	11.139.108	111217	11.201.566	111289
11.130.127	110640	11.130.762	111755	11.139.156	110511	11.201.570	112736
11.130.140	110529	11.130.766	112132	11.139.452	110813	11.201.571	112768
11.130.141	110523	11.130.769	110461	11.139.453	110521	11.201.572	111289

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.201.573	111289	11.203.870	113999	AZJ3155	112249	AZJ3546	110521
11.201.574	110766	11.204.054	112046	AZJ3157	111755	AZJ3548	110525
11.201.578	111355	11.204.159	113999	AZJ3158	111755	AZJ3556	110530
11.201.579	111289	11.204.187	114192	AZJ3169	110536	AZJ3557	111001
11.201.587	111356	11.204.396	111843	AZJ3170	110536	AZJ3582	110529
11.201.592	110105	11.204.424	113707	AZJ3177	112041	AZJ3593	110520
11.201.595	111888	11.204.502	114379	AZJ3179	112555	AZJ3594	110522
11.201.601	110360	11.209.001	111369	AZJ3181	111755	AZJ3598	110565
11.201.635	110761	11.209.443	110882	AZJ3182	110462	AZJ3599	110545
11.201.666	112556	11.209.447	110117	AZJ3186	113484	AZK5104	110512
11.201.667	112389	AKK4322	111978	AZJ3192	112039	AZK5105	110537
11.201.675	112556	AZAJ3124	111350	AZJ3195	113381	AZK5106	110537
11.201.676	111289	AZD2127	111015	AZJ3196	113467	AZK5111	110439
11.201.685	111141	AZE2617	112171	AZJ3197	112249	AZK5112	111217
11.201.693	111948	AZE2636	112034	AZJ3198	110462	AZK5113	110601
11.201.701	111620	AZE4150	114388	AZJ3201	112074	AZK5117	110601
11.201.707	110770	AZE4166	113901	AZJ3203	110565	AZK5119	110520
11.201.710	111528	AZE4170	114388	AZJ3204	110818	AZK5133	110449
11.201.728	110770	AZE4173	114388	AZJ3206	110819	AZK5168	110537
11.201.746	113477	AZE4175	114388	AZJ3212	113968	AZK5179	110213
11.201.757	111833	AZE4197	114388	AZJ3214	113007	AZK5191	110210
11.201.759	112170	AZE4201	114388	AZJ3215	111224	AZK5192	111217
11.201.783	111180	AZE4202	111855	AZJ3216	111885	AZK5193	110601
11.201.784	111649	AZE4220	114388	AZJ3218	111332	AZK5194	110512
11.201.807	110043	AZE4244	110565	AZJ3219	111332	AZK5195	110537
11.201.810	111355	AZE4534	113478	AZJ3223	113356	AZK5196	110537
11.201.875	111843	AZE4535	111855	AZJ3229	113431	AZK5401	110206
11.201.876	111355	AZE4540	113901	AZJ3234	110545	AZK5412	110512
11.201.895	111833	AZE4597	113901	AZJ3236	111885	AZK5449	111217
11.201.903	112747	AZE4603	113478	AZJ3237	110522	AZK5457	111217
11.201.913	113474	AZE4620	113478	AZJ3242	111752	AZK5467	113850
11.201.927	111168	AZE6531	110813	AZJ3243	112135	AZK5511	111217
11.201.929	110105	AZE6544	113900	AZJ3244	111332	AZK5539	110511
11.201.934	113632	AZF3542	110521	AZJ3247	114254	AZK5545	110206
11.201.935	111888	AZF4155	113182	AZJ3248	110439	IA0037	110899
11.201.937	111528	AZF4181	114264	AZJ3274	111755	IA0037	111035
11.201.939	113477	AZF4190	113570	AZJ3277	112132	IA0037	111180
11.201.941	112170	AZF4194	112071	AZJ3279	110461	IA0055	112097
11.201.976	114049	AZF4197	112071	AZJ3283	111755	IA0062	113469
11.201.989	111215	AZF4220	111001	AZJ3284	113532	IA0067	110178
11.201.991	112046	AZF4224	114264	AZJ3285	110551	IA0068	111289
11.203.004	111369	AZF4229	114320	AZJ3297	111224	IA0069	110766
11.203.005	112529	AZF4230	114220	AZJ3305	110565	IA0071	110882
11.203.016	112556	AZF4510	113532	AZJ3310	113482	IA0071	110890
11.203.042	112718	AZF4513	113570	AZJ3314	111752	IA0075	112097
11.203.051	113949	AZF4514	112071	AZJ3317	112135	IA0095	110970
11.203.065	113949	AZF4521	111755	AZJ3318	112136	IA0095	111948
11.203.087	113529	AZF4535	114050	AZJ3319	110545	IA0096	110641
11.203.088	113529	AZF4559	113532	AZJ3320	111001	IA0097	111141
11.203.097	111355	AZF4573	113007	AZJ3324	110464	IA0102	111141
11.203.098	112556	AZF4576	114264	AZJ3330	110565	IA0112	110611
11.203.099	113610	AZF4577	113429	AZJ3347	110818	IA0112	110890
11.203.106	112183	AZF4582	113532	AZJ3364	112660	IA0116	110641
11.203.110	112194	AZF4591	114002	AZJ3369	110615	IA0186	110766
11.203.119	112196	AZF4596	111755	AZJ3389	110819	IA0215	110975
11.203.124	113999	AZF4611	113429	AZJ3405	114254	IA0226	110881
11.203.139	111833	AZJ0402	110536	AZJ3447	110442	IA0230	112310
11.203.155	113738	AZJ0404	110439	AZJ3458	110813	IA0242	110882
11.203.167	112529	AZJ0405	110565	AZJ3459	110521	IA0276	113574
11.203.186	112529	AZJ3105	110565	AZJ3460	110518	IA0292	112183
11.203.204	112062	AZJ3110	110529	AZJ3461	110522	IA0297	110972
11.203.240	111833	AZJ3114	110439	AZJ3462	113381	IA0297	111168
11.203.241	111833	AZJ3115	110640	AZJ3503	110530	IA0299	110972
11.203.268	111843	AZJ3116	110529	AZJ3508	110536	IA0299	111168
11.203.301	112098	AZJ3117	110565	AZJ3514	110814	IA0301	110178
11.203.331	112046	AZJ3118	110525	AZJ3515	110518	IA0301	110770
11.203.332	113531	AZJ3119	110545	AZJ3516	110640	IA0301	110968
11.203.333	111978	AZJ3121	110565	AZJ3517	110529	IA0301	111185
11.203.363	113999	AZJ3124	111350	AZJ3518	110523	IA0301	111289
11.203.388	114049	AZJ3128	110536	AZJ3520	110517	IA0301	111362
11.203.389	114192	AZJ3131	110518	AZJ3525	110545	IA0305	110179
11.203.396	113738	AZJ3132	110523	AZJ3531	110439	IA0305	110969
11.203.405	110881	AZJ3133	110521	AZJ3534	110640	IA0305	111289
11.203.415	112098	AZJ3137	110814	AZJ3535	110529	IA0306	110890
11.203.494	113621	AZJ3144	110565	AZJ3536	110565	IA0306	110912
11.203.656	112046	AZJ3145	113381	AZJ3537	110530	IA0306	112768
11.203.660	111843	AZJ3148	110819	AZJ3538	110813	IA0326	110912
11.203.730	113621	AZJ3149	110530	AZJ3542	110517	IA0326	111620
11.203.822	113621	AZJ3151	110615	AZJ3544	110439	IA0327	110882

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISKRA continued							
IA0327	110890	IA0759	112170	IS0536	110206	IS9017	110539
IA0327	111686	IA0781	110043	IS0548	111001	IS9020	110213
IA0328	111686	IA0784	110105	IS0551	110536	IS9023	110206
IA0329	111620	IA0875	111843	IS0552	110536	IS9027	110207
IA0329	111686	IA0895	111833	IS0565	112041	IS9032	110210
IA0330	111686	IA0903	112747	IS0567	112555	IS9035	110206
IA0332	111620	IA0913	113474	IS0569	111755	IS9036	110512
IA0334	110912	IA0925	113610	IS0570	110207	IS9038	110210
IA0336	110882	IA0970	114049	IS0579	110462	IS9051	110601
IA0343	111620	IA0989	111215	IS0579	111499	IS9062	110208
IA0347	110611	IA1004	111369	IS0595	113484	IS9064	111249
IA0347	110970	IA1005	112529	IS0601	110208	IS9067	111249
IA0390	110971	IA1018	112718	IS0607	110512	IS9083	111217
IA0405	111035	IA1019	113529	IS0612	112039	IS9128	111217
IA0415	111362	IA1020	113529	IS0618	113381	IS9141	110511
IA0449	111141	IA1052	112529	IS0619	113467	IS9444	110813
IA0453	110105	IA1057	112196	IS0620	112249	IS9445	110517
IA0453	111649	IA1058	113999	IS0622	110512	IS9445	110521
IA0457	110890	IA1078	110881	IS0624	110462	IS9446	110518
IA0468	112097	IA1081	112046	IS0627	112074	IS9447	110522
IA0470	111355	IA1095	112062	IS0629	110460	IS9448	113381
IA0499	112098	IA1104	111833	IS0629	110565	AAG0402	111180
IA0500	111662	IA1105	111833	IS0629	111346	AAG0403	111035
IA0502	111662	IA1111	112194	IS0630	110818	AAG1104	111180
IA0504	111740	IA1117	113949	IS0631	110442	AAG1111	110178
IA0507	111662	IA1153	111978	IS0632	110819	AAG1130	111180
IA0511	110881	IA1169	113999	IS0652	110512	AAG1301	110641
IA0512	110881	IA1203	113961	IS0654	111217	AAG1307	113469
IA0528	110179	IA1224	113621	IS0655	110520	AAG1310	110970
IA0528	110969	IA1348	111843	IS0655	110601	AAG1311	110641
IA0528	111184	IA1412	113899	IS0655	111249	AAG1314	111662
IA0531	110968	IA1545	114379	IS0657	111217	AAG1315	110641
IA0531	111185	IA1547	113707	IS0662	113007	AAG1328	110641
IA0531	111289	IA9430	110882	IS0663	111224	AAG1338	111662
IA0536	110766	IS0005	110520	IS0664	111332	AAG1340	111662
IA0555	111419	IS0005	110601	IS0664	111885	AAG1341	111662
IA0566	110770	IS0075	110512	IS0669	111332	AAG1343	111649
IA0566	111289	IS0115	110208	IS0670	111332	AAK1105	110360
IA0566	111362	IS0115	110512	IS0671	111001	AAK1109	110766
IA0569	112098	IS0116	110537	IS0692	110545	AAK1110	112097
IA0570	112736	IS0126	110537	IS0695	111885	AAK1113	110766
IA0571	110611	IS0130	110210	IS0704	110521	AAK1114	111289
IA0571	110890	IS0178	110206	IS0704	111752	AAK1115	110766
IA0571	110912	IS0179	110545	IS0705	112135	AAK1117	112768
IA0571	112768	IS0201	110530	IS0706	111332	AAK1123	111035
IA0572	111289	IS0203	110529	IS0711	110439	AAK1130	111141
IA0573	111289	IS0203	110813	IS0748	113532	AAK1133	110968
IA0574	110766	IS0216	110517	IS0762	111755	AAK1134	110761
IA0578	111289	IS0254	111001	IS0766	112132	AAK1135	110890
IA0578	113574	IS0281	110531	IS0769	110461	AAK1139	110360
IA0579	111289	IS0285	110207	IS0792	110521	AAK1151	112310
IA0582	111035	IS0289	110213	IS0793	111755	AAK1163	111035
IA0585	110882	IS0320	110449	IS0820	113532	AAK1167	110766
IA0587	111356	IS0346	110520	IS0836	113570	AAK1171	111035
IA0591	111620	IS0364	110520	IS0841	112071	AAK1172	111035
IA0591	111686	IS0366	110522	IS0881	113482	AAK1175	111035
IA0592	110105	IS0403	110529	IS0889	111752	AAK1182	112098
IA0592	113632	IS0408	110439	IS0895	112135	AAK1189	110881
IA0595	111888	IS0409	110640	IS0896	112136	AAK1193	112310
IA0601	110360	IS0411	110565	IS0999	114050	AAK1204	110766
IA0604	110178	IS0412	110525	IS1015	112171	AAK1209	112097
IA0605	110975	IS0428	110534	IS1018	112660	AAK1228	111686
IA0613	110975	IS0432	112039	IS1045	112034	AAK1301	111141
IA0624	110077	IS0484	110536	IS1046	110819	AAK1312	112046
IA0634	110875	IS0490	110518	IS1055	113532	AAK1324	113474
IA0635	110761	IS0491	110523	IS1077	113429	AAK1325	111362
IA0666	112556	IS0492	110517	IS1088	113007	AAK1329	111362
IA0667	112389	IS0492	110521	IS1089	113429	AAK1330	110105
IA0675	112556	IS0500	110814	IS1179	110999	AAK1333	110968
IA0676	111289	IS0509	110565	IS1201	114388	AAK1343	111740
IA0694	111620	IS0519	110819	IS1236	114220	AAK1344	111740
IA0696	110912	IS0520	110439	IS1263	110813	AAK1352	110766
IA0699	111620	IS0520	110819	IS1279	111015	AAK1358	111289
IA0701	111620	IS0521	110530	IS9001	110531	AAK1362	110105
IA0707	110770	IS0526	110615	IS9002	110534	AAK1363	111888
IA0710	111528	IS0531	112249	IS9007	110537	AAK1369	111528
IA0710	113477	IS0532	110814	IS9008	110537	AAK1370	112098
IA0728	110770	IS0533	111755	IS9009	110512	AAK1378	112736
IA0746	113477	IS0534	111755	IS9016	110208	AAK1383	113477

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AAK1387	112170	AAK5376	113738	4807375	110529	1189	171037
AAK1811	112046	AAK5382	112529	4807376	110522	1191	170493
AAK1815	111843	AAK5391	112529	4808497	110882	1191	171068
AAK1854	110117	AAK5501	111369	42498131	113467	1192	170494
AAK2301	112183	AAK5562	114049	42498145	110518	1195	170380
AAK2306	112183	AAK5565	113738	42498155	110766	1199	170681
AAK3117	110043	AAK5592	113621	42498239	110882	1200	171477
AAK3129	111168	AAK5746	113621	42522722	112747	1201	170338
AAK3197	110882	AAK5759	113621	50436476	114002	1201	170771
AAK3312	111355	AAN5120	113949	98417133	112097	1202	170350
AAK3318	112747	AAN5122	113949	98417134	112097	1211	170814
AAK3320	113474	AAN5127	112194	98417208	112097	1221	170815
AAK3328	110105	AAN5136	112196	98417209	112097	1231	170573
AAK3329	113632	AAN5138	113999	99449113	110529	1232	170574
AAK3330	111888	AAN5156	112062	99463243	171098	1241	170575
AAK3332	111528	AAN5318	113999	323019050	114021	1245	170579
AAK3334	113477	AAN5346	114192	500325145	113182	1248	170577
AAK3336	112170	AAN5502	113999	500325146	110522	1249	170578
AAK3369	111355	AAN5511	114192	500333269	110813	1301	170582
AAK3501	110360	AAN5771	113999	500333271	110529	1302	170480
AAK3529	111035	AAN5840	113707	500338952	110529	1310	171472
AAK3538	111035	AAN5869	114379	500338953	110813	1311	170586
AAK3547	112098	AAT1302	111833	500364130	114384	1312	170761
AAK3557	110761	AAT1306	111833	500389864	114050	1320	171475
AAK3560	110890	AAT1308	111833	504031929	114021	1321	170335
AAK3564	112097	AAT1321	111833	504036476	114002	1321	170769
AAK3579	110881	AAT1338	111833	504036695	114196	1322	170349
AAK3590	111289	AAT1339	111833	504059251	110529	1322	170826
AAK3822	112046			504060771	111843	1326	170451
AAK4116	110178	ISUZU		504163666	114050	1326	171078
AAK4118	113574	1812005303	113886	504357110	114002	1341	170336
AAK4133	111168	2912559140	111683			1341	170770
AAK4135	111289	5811000800	110412	JAHN		1342	170452
AAK4138	112768	5811000801	110412	1000	171133	1342	171092
AAK4140	110890	5811001111	110412	1100	170804	1345	170644
AAK4154	111686	5811001112	110412	1101	170334	1345	171093
AAK4155	111686	5811001331	110412	1101	170768	1351	170337
AAK4158	111620	5811001660	111683	1102	170348	1352	170453
AAK4162	110882	5811001661	111683	1102	170792	1361	170581
AAK4176	111686	5811001662	111683	1103	170360	1362	170614
AAK4192	110971	5811001663	111683	1106	170692	1365	170816
AAK4307	111843	5811001664	111683	1107	170450	1375	170585
AAK4313	112098	5811001830	111683	1107	171125	1376	170481
AAK4320	112046	5811001860	111683	1108	170572	1380	171471
AAK4321	113531	5811001920	111098	1109	170009	1382	170483
AAK4349	110881	5811001921	111098	1109	171065	1383	171089
AAK4351	112098	5812003300	110448	1111	170069	1385	170673
AAK4503	110971	5812003350	110448	1111	170332	1391	170583
AAK4507	111419	8941365070	110412	1112	170449	1392	170507
AAK4509	110766	8944104090	110412	1112	171072	1392	171088
AAK4513	111289	8944127301	111683	1115	170965	1393	170849
AAK4518	112768	8944489590	111683	1115	171070	1393	171090
AAK4519	111289	8944489591	111683	1117	170720	1401	170340
AAK4520	111289	8970298630	111254	1119	170800	1401	170773
AAK4523	111355	8970298631	111254	1121	170070	1402	170413
AAK4524	111289	8970298632	111254	1121	170333	1402	170794
AAK4532	111356	8970298635	111254	1122	170412	1406	170455
AAK4549	111141	8970298637	111254	1122	170836	1406	171118
AAK4554	111948	8971128650	111683	1124	170723	1410	171480
AAK4562	111620	8971128651	111683	1125	170696	1411	170339
AAK4568	110770	8971128652	111683	1131	170576	1411	170772
AAK4574	110770	8971298636	111254	1131	171073	1412	170351
AAK4598	111355	8971353432	111683	1132	170478	1412	170793
AAK4831	111843	8972202970	114324	1134	170804	1415	170584
AAK5114	112556	8980620410	114324	1152	170006	1416	170454
AAK5115	112389	1-81200530-3	113886	1153	170361	1416	171076
AAK5118	112556			1155	170359	1417	170938
AAK5165	111843	IVECO		1173	170718	1431	170593
AAK5181	113610	751874	160337	1176	170951	1432	170482
AAK5193	114049	960099	160478	1177	170693	1432	171102
AAK5197	111215	1163758	113467	1178	170694	1500	171492
AAK5305	111369	1177063	112046	1179	171039	1501	170346
AAK5306	112529	1178026	110536	1181	170496	1501	170774
AAK5315	112556	1178607	112046	1182	170362	1502	170417
AAK5326	112718	4719664	110814	1183	171009	1502	170795
AAK5354	113529	4744841	110517	1184	171010	1506	170503
AAK5355	113529	4757193	111419	1186	171034	1510	171491
AAK5363	112556	4757194	111419	1187	171035	1511	170345
AAK5364	113610	4780974	110347	1188	171036	1511	171103

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
JAHN continued							
1512	170416	1855	170839	AL62401	111649	RE218703	113899
1512	170796	1896	170741	AL62690	111755	RE36246	111215
1521	170594	1896	171082	AL62691	111755	RE36267	111843
1522	170474	1897	170742	AL62772	111755	RE36268	112773
1531	170580	1898	170751	AL62773	111755	RE37201	111215
1540	171482	1899	170752	AL67175	110105	RE41875	111224
1550	171483	1920	171042	AL67176	110105	RE42123	111215
1551	170448	1921	171043	AL78689	113531	RE44140	111215
1551	171119	1932	171044	AL78690	111215	RE46608	111830
1552	170456	1950	171040	AL78692	113531	RE500733	111755
1601	170410	2000	171132	AL78760	111755	RE501002	111755
1601	170775	7234	171531	AL81154	112442	RE501157	113478
1602	170477	11101	170802	AL81436	110105	RE501347	113478
1602	171108	11111	170823	AL81437	113632	RE501551	114195
1603	170617	11117	170825	AL81438	113531	RE501634	113543
1605	171283	11121	170824	AM100807	111087	RE501680	113478
1606	171386	20238	170726	AM100809	111087	RE501689	113478
1607	170813	24338	170509	AM103290	234070	RE501693	113478
1608	170758	27225	170725	AM104559	113596	RE502156	113478
1609	170755	37755	170664	AM107631	112546	RE502196	113478
1611	170331	1104LL	170657	AM108390	112546	RE503226	112442
1611	171104	1104LL	171113	AM109408	113597	RE504807	112442
1612	170476	1318LL	170658	AM117130	113017	RE505745	111755
1612	171106	1338LL	170659	AM120729	113017	RE505746	113478
1621	170347	1408LL	170660	AM124993	112546	RE506196	113543
1621	171105	1418LL	170663	AM131296	112546	RE506197	113542
1622	170542	1601-AMBER	170782	AM132702	112546	RE507943	114195
1622	171107	1601-GREEN	170783	AM132818	113017	RE508922	113900
1624	170754	1601-RED	170785	AM31568	110510	RE509658	111221
1631	170777	1611-AMBER	170778	AM32092	112564	RE516157	113478
1632	170776	1611-BLUE	170780	AM32393	113015	RE516455	113478
1633	171398	1611-GREEN	170779	AM32789	110510	RE51725	113007
1641	170727	1611-RED	170781	AM34248	110510	RE51921	111215
1641	171109	1612-AMBER	170805	AM3424B	110510	RE519975	113478
1645	170756	1612-BLUE	170807	AM34731	112564	RE52120	113007
1645	171110	1612-GREEN	170806	AM34753	111701	RE52150	113007
1646	171033	1612-RED	170808	AM34888	110510	RE522738	113007
1651	170545	1628LL	170662	AM37032	110510	RE57960	113543
1655	170610	50440MPU	171064	AM37725	111701	RE60384	111755
1661	170357	H4360	H4360	AM37869	110510	RE60641	113478
1662	170358	H5360	H5360	AM38984	110635	RE684701	113478
1671	170612			AM39287	110635	RE69704	113736
1682	170613	JCB		AM809215	114197	RE70474	113983
1692	170757	320-09022	114264	AM877740	110620	RE70957	113736
1692	171111	320-09035	114264	AM878581	113401	RE70960	113983
1695	170753	320-09346	114264	AM879204	114197	RES533653	111843
1695	171112	714-03000R	111573	AM879909	113742	SE501844	113900
1696	170698	714-26100	112722	AM880733	113401	SE501854	113478
1699	171025	714-35900	111254	AMJ7869	110510	SE5502627	111843
1700	171485	714-40005	111346	AN193461	110445	TY24303	113007
1701	170590	714-40152	113763	AR62401	111649	TY24441	113983
1705	170591	714-40159	114388	AR70436	111755	TY24486	113531
1710	171484	714-40231	114388	AR70437	111755	TY25238	114197
1711	170341	714-40536	114388	AR77254	111224	TY25243	113742
1711	171094			AR87204	110445	TY6621	110445
1712	170414	JOHN DEERE		AR87205	110445	TY6669	110105
1712	171096	91902C1	113429	AR93447	110445	TY6684	111215
1715	170411	A162469	113429	AR93448	110445	TY6720	111755
1715	171095	A187615	113429	AT161324	112170	TY6762	111830
1720	171488	A18763	111843	AT173624	111888	TY6773	112773
1721	170343	AE52707	113531	AT185951	113531	TY6774	112170
1721	171097	AE53101	113531	AT220394	111843	TY6777	113531
1722	170415	AH137883	111843	AT229394	111843	TY6778	111215
1722	171099	AL110503	111755	AT23401	111755	TY6793	113531
1730	171489	AL110504	111755	AT78689	113531	TY6795	112773
1731	170344	AL111675	112529	AW26844	113734		
1731	171098	AL111676	112062	AZ23575	111649	KATEK	
1732	171100	AL114092	112529	AZ26910	110105	CT222A	113431
1735	170005	AL114093	112062	AZ28516	110105	ST222A	113431
1740	171486	AL11503	111755	AZ31316	113632		
1741	170342	AL119537	113949	AZ38462	111215	KAWASAKI	
1742	170592	AL166646	112062	DAW26844	113734	21163-2073	113596
1750	171479	AL166647	114379	FGV35532054	114055	21163-2089	113734
1751	170588	AL170947	113707	LG497596	110635	21163-2101	113597
1752	170589	AL28516	110105	LVA12357	113742	21163-2114	113663
1761	171139	AL35998	110105	M143512	113539	21163-2118	113663
1836	170470	AL3846201	112046	RE13722	111224		
1848	170380	AL41247	111755	RE185213	113899		
1849	170502	AL60033	113632	RE204426	112529		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
KHD		01181570KZ	114320	KUBOTA		16945-64011	113921
1161384	110536	01182233KZ	112071	3518110	160311	16945-64012	113921
1161422	110523	1180928KZ	112071	1752564011	113401	16945-64013	113921
01162135	110117	1182233KZ	112071	12498-63010	113596	17311-63010	110245
1162135	110766	B15R12X3H762	110536	15213-63013	110421	17311-63011	110245
1163669	110536	B4R12X3H7622	110536	15221-63010	110245	17331-63010	110245
1163758	113467			15221-63014	110245	17331-63011	110245
1163985	110641	KIA		15221-63015	110245	17331-63012	110245
1164049	110766	OK6S818400	110818	15221-63016	110245	17381-63012	110940
1164668	110536			15221-63017	110245	17381-63014	110940
1164994	110536	KOHLER		15221-63018	110245	17381-63015	110940
1164995	110536	1209821	112150	15231-03012	110421	17490-64010	114263
1170051	110536	2509804	113017	15231-63010	110421	17490-64011	114263
1170731	110766	2509807	113017	15231-63011	110421	17490-64012	114263
1170739	110537	2509809	112546	15231-63012	110421	17490-64014	114263
1171617	110641	4109806	111012	15231-63013	110421	17490-64015	114263
1171681	110766	4509809	110510	15231-63014	110421	17525-64011	113401
1172650	110766	4809804	111701	15231-63015	110421	17594-63012	110447
1172857	112736	5209811	112568	15231-63016	110421	19007-63011	110421
1173240	110536	5209812	110949	15321-63015	110245	19013-63011	110940
1173241	110523	5209813	112831	15321-63016	110245	19013-63012	110940
1174166	110536	12-098-03	112546	15321-63017	110245	19212-63011	110246
1174253	112747	12-098-05	112150	15425-63010	111197	19212-63012	110246
1174631	110512	12-098-06	112150	15425-63011	111197	19215-63011	110246
01174635	114437	12-098-09	112150	15425-63012	111197	19215-63012	110246
1175731	110881	12-098-10	113017	15425-63013	111197	19215-63013	110246
1175886	110536	12-098-12	112150	15425-63014	111197	19269-19010	111021
1177063	112046	12-098-21	112150	15425-63016	111197	19269-63010	111021
1177441	112041	24-098-01	112546	15435-63012	110245	19269-63011	111021
1177481	110641	25-098-03	113017	15501-63010	110245	19269-63012	111021
01178026	110536	25-098-04	113017	15501-63011	110245	19269-63013	111021
1178026	110536	25-098-05	113017	15501-63012	110245	19293-63011	110421
1178521	110881	25-098-06	113017	15501-63013	110245	19400-63011	110447
1178607	112046	25-098-07	113017	15501-63014	110245	19420-63012	110447
1178670	112041	25-098-08	112546	15504-63010	110447	19616-63011	110356
1178689	110766	25-098-09	112546	15504-63011	110447	19630-64012	113856
1179318	112555	25-098-11	112546	15504-63012	110447	19630-64013	113856
1179470	112041	32-098-01	114075	15504-63013	110447	19637-63013	110421
01179755	112183	32-098-04	114075	15601-63010	110940	19836-77200	113401
1179755	112183	41-098-04	111012	15601-63011	110940	19837-63010	110421
1179897	112183	41-098-05	111701	15621-63010	110940	19837-63011	110421
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1180302	112747	45-098-02	110510	15621-63012	110940	19837-63013	110421
1180660	112183	45-098-03	110510	15621-63013	110940	34070-16081	113893
1180804	110523	45-098-04	111701	15621-63014	110940	34070-16801	113893
1180805	112555	45-098-05	111701	15707-63011	110245	34070-16803	113893
1180928	112071	45-098-07	110510	15741-63010	110447	34070-75600	113921
1180995	111855	45-098-09	110510	15741-63011	110447	34070-75601	113921
1181096	113895	45-098-12	110949	15881-64200	111048	34070-75602	113921
1181570	114320	45-099-07	110510	15881-64201	111048	37560-63010	110447
1181753	114220	48-098-01	111701	15881-64202	111048	37560-63011	110447
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1182027	113949	48-098-04	111701	16231-24011	113921	3A011-74012	111048
1182126	114220	48-098-05	111701	16231-64010	113921	66436-64011	113921
1182151	110881	51-098-01	110510	16231-64011	113921	70000-65424	110421
1182167	113738	52-098-02	110949	16231-64012	111048	70000-73490	110940
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1182179	114320	52-098-04	112568	16241-64011	113921	E7194-63010	112546
01182388	114320	52-098-06	112831	16241-64012	113921	E7199-63010	110421
1182388	114320	52-098-08	113230	16285-63011	111622	E7230-64012	114219
1182390	114220	52-098-09	110949	16611-63011	111021	K3511-81410	110447
01182544	114192	52-098-10	112831	16611-63012	111021	K3511-81411	114485
01182691	113949	52-098-11	112568	16611-63013	111021	K3511-81412	114485
01182961	112046	52-098-12	110949	16612-63011	110447		
01183235	112071	52-098-13	112831	16612-63012	110447	KÄSSBOHRER	
01183455	112046	A236396	110510	16616-60011	090216	7421311000	110766
1304445	111217	A237131	110510	16652-63012	111197		
2404401	110766	A237510	110510	16652-63013	111197	LADA	
2918662	110537	A237534	110510	16661-63013	110356	2406-3708000	111350
02934613	111855	A277214	111701	16678-64011	113856	2407-3708000	111350
2934613	111855	A277599	111701	16678-64012	113856		
3362189	110766			16695-63011	110447	LANDROVER → ROVER GROUP	
4757192	111419	KOMATSU		16695-63012	110447	LEECE-NEVILLE	
12153836	114478	155-016-3011	110245	16695-63013	110447	35259580	111221
12270187	111978	160-976-1361	110421	16705-64011	111048	2303JB	110801
12270612	111978	600-821-2350	111048	16705-64012	111048	2800J	113740
98417208	112097			16853-63011	114485	2800JB	113740
01180928KZ	112071			16871-63010	110447	A0012303JB	110801
01180995KZ	111855			16871-63011	110447	A0012800JB	113740
				16871-63012	110447		

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LESTER		6166	112268	6737	111760	12140	111168
3052	110999	6167	111041	6744	112546	12144	111289
3054	110999	6188	112243	6764	110347	12145	111843
3059	111000	6203	112089	6779	110999	12146	111888
3063	111000	6207	110999	6780	110999	12147	112170
3074	111000	6208	111000	7107	110075	12148	112170
3098	112089	6224	110436	7111	110075	12149	112493
3109	113728	6229	112089	7117	110075	12151	113632
3295	110347	6230	111000	7122	110075	12159	111843
3339	110436	6232	110999	7138	112260	12161	111888
3353	111224	6241	112243	7150	110508	12162	112773
3367	111224	6243	112089	7160	110591	12165	110801
3368	111224	6245	110347	7161	110300	12169	112046
3370	110999	6246	110436	7176	110952	12170	110639
3374	110436	6252	110436	7179	110952	12179	113921
3601	113611	6253	110436	7195	110505	12180	110620
3744	112089	6254	110436	7197	110300	12188	110620
3745	111000	6260	111000	7252	110591	12189	111048
3757	111000	6269	112169	7266	112989	12190	113921
3760	112089	6287	113695	7296	110801	12195	111830
3767	112089	6292	112243	7305	110427	12197	111048
3785	110999	6293	112243	7331	110427	12198	111048
3823	111000	6349	110436	7374	110170	12199	111048
3824	111000	6352	112089	7467	110801	12199	113921
3902	110347	6354	112243	7471	111736	12217	110766
3948	110999	6356	112089	7613	113740	12218	110766
3955	110999	6358	112243	7642	112160	12270	111048
3958	112089	6359	112243	7644	113432	12271	111048
3962	112089	6360	110999	7681	112996	12281	112768
3972	111224	6361	110999	7843	112260	12286	110179
3974	112089	6369	110999	7853	111713	12294	112747
3978	112089	6370	111000	8003	112160	12298	110641
3980	112089	6371	110436	8029	112996	12306	111355
3987	110436	6372	110436	8030	112992	12307	111355
3991	111224	6378	110999	8062	110591	12309	110448
3999	110436	6382	111224	8826	113683	12346	114218
4000	111221	6383	111224	9007	110505	12356	113742
4150	111260	6387	111224	9045	110505	12367	110621
4167	110469	6392	111224	9070	110505	12372	113531
4233	110491	6398	113125	9188	113598	12376	111833
4234	110468	6405	113695	9446	110505	12379	112529
4246	110468	6410	111224	9913	110505	12429	113623
4254	110469	6434	112256	9928	110505	12438	113921
4275	112660	6458	112256	12029	110899	12550	113763
4276	112268	6459	112169	12030	111180	12582	114384
4389	111041	6466	112256	12031	110766	12782	114379
4392	112268	6467	112256	12038	111948	13014	112098
4455	111259	6508	111000	12040	111289	13058	110899
4600	110347	6511	112089	12041	111185	13075	110611
4611	112089	6513	112089	12043	110107	13094	110360
4635	112089	6519	110604	12045	110968	13100	111649
4746	110999	6525	110436	12046	110770	13106	110975
4791	111000	6526	110999	12047	111740	13107	111289
4894	112243	6528	112089	12048	111686	13137	111035
4927	110347	6541	110604	12059	110801	13143	110445
4960	111221	6544	110999	12066	111215	13152	110875
4987	110999	6551	112089	12073	111184	13193	110105
4997	112243	6554	112089	12074	110770	13194	111649
5092	112249	6557	110999	12077	113562	13203	112736
5320	111000	6570	111221	12080	110620	13204	110882
5701	113015	6572	112268	12088	111355	13205	110890
5743	110635	6574	111760	12089	111363	13206	110882
5744	112242	6575	110604	12090	111739	13207	112742
5745	111804	6582	111760	12091	111740	13355	112529
5751	112313	6584	111041	12092	113623	13356	112194
5752	112564	6588	112268	12093	113623	13359	112194
5755	110510	6589	113452	12094	112718	13613	111369
5756	111012	6592	111760	12096	112722	13708	113726
5757	110949	6596	113007	12100	111940	13709	112529
5761	110510	6600	112668	12101	111716	14013	110178
5766	111701	6618	110436	12102	111940	14014	110178
5771	112150	6636	110436	12103	111948	14023	111204
5774	112831	6672	110347	12110	113477	14024	110179
5775	113017	6686	110436	12114	110448	14029	110178
5776	113539	6687	110436	12122	111948	14030	110179
5777	113853	6688	110436	12130	113543	14037	111185
5801	114075	6713	111049	12132	111042	14050	111185
5915	112568	6722	111260	12134	112097	14054	111204
6148	110469	6728	111259	12135	111419	14057	110912

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
14088	111184	17325	110529	18365	112172	22717	110482
14293	110912	17326	110530	18369	112034	22719	110483
14294	111035	17353	113429	18375	110210	22725	110482
14390	112098	17354	110421	18381	110523	22733	110483
14391	111141	17355	110245	18387	113534	22742	110482
14394	110881	17363	110245	18395	112177	22747	110482
14412	111035	17372	113725	18404	113734	22748	110482
14421	110881	17382	111087	18414	110447	22754	110482
14949	110641	17389	113725	18422	111755	22756	110484
15005	110483	17604	113230	18426	114197	22758	110484
15017	110482	17606	110246	18455	113983	22761	110484
15018	110483	17609	110436	18460	111332	22762	110484
15027	110484	17614	113429	18461	110814	22764	110484
15401	110484	17619	110940	18467	112249	22765	110482
15422	113145	17628	112546	18470	112034	22767	110482
16215	110421	17639	110439	18480	110545	22769	110484
16216	110421	17644	110443	18512	113663	22775	110482
16258	110421	17646	110462	18545	113431	22780	110483
16289	110868	17649	110615	18566	113736	22783	110484
16363	112249	17650	110460	18940	113655	22785	110482
16369	110537	17651	110460	18944	113670	22788	110483
16372	110531	17652	111346	18954	113900	22789	110482
16407	110868	17653	110819	18955	114021	22791	110483
16539	110868	17659	111001	18982	113208	22792	110484
16563	111755	17660	110438	19162	114485	23544	110178
16566	111752	17702	111911	19668	111015	23548	110178
16583	110245	18004	111197	19669	111015	23554	110178
16605	110462	18005	110999	19670	111015	23562	110178
16606	110462	18006	111000	19906	111683	23565	110178
16608	110462	18009	113596	30090	114478	23566	110178
16629	111224	18012	113597	4*814	112089	23568	110179
16635	111224	18019	111021	7127-6	110505	23569	110178
16637	110421	18021	110999	7127-9	110505	23570	110178
16647	110940	18022	110347	7150-72	110505	23573	111185
16658	110627	18024	112074	7154-12	110505	23574	110179
16659	110529	18026	112555	7165-12	110075	23575	110178
16660	110438	18029	110529	7177-12	110505	23576	110179
16664	110818	18030	110517	7178-3	110505	23581	110178
16668	110818	18031	110517	7185-3	110504	23582	110969
16669	112136	18032	110520	7186-12	110505	23583	110179
16739	111683	18033	110518	7186-3	110505	23584	110178
16795	110182	18038	110347	7198-12	110505	23585	110179
16924	110182	18056	111098	7199-12	110505	23590	110178
16984	112660	18064	110412	7272-3	110505	23591	110179
16990	113725	18065	111574	7272-6	110508	23592	110179
17027	110246	18090	110521	7272-9	110508	23593	110178
17028	110447	18091	110520	7273-3R	110508	23595	110178
17044	111683	18092	110521	7273-6	110508	23597	110178
17070	111024	18093	110518	7273-9R	110508	23598	110178
17071	111573	18096	110182	7273-R	110508	23600	110179
17072	110565	18113	110210	7282-9	110505	23602	110178
17073	110523	18139	113696	7292-9	110508	23603	110178
17074	110536	18142	110940	7294-R	110505	23605	110178
17075	110536	18145	113893	7853-6	111713	23606	110178
17077	112660	18146	110356			23609	110179
17081	111275	18147	110356	LOMBARDINI		23610	110178
17086	113478	18148	110246	5840142	112171	23611	110179
17092	110522	18154	111197	11572610	111662	23612	110178
17093	110813	18175	110940	58101330	111015	23614	110178
17095	111755	18194	111254	58401420	112171	23616	111184
17098	111021	18206	112674	58401940	111015	23617	111185
17106	110525	18225	110539	58402230	112034	23618	111184
17108	110512	18227	112074	58402240	112172	23619	111184
17111	110529	18230	111855			23620	110178
17113	110530	18232	112071	LUCAS		23621	110178
17114	110530	18238	111300	22250	110482	23622	111185
17115	110940	18253	110208	22255	110483	23623	110178
17126	110813	18257	113850	22258	110482	23624	110179
17136	111001	18261	110464	22259	110483	23625	110178
17141	110933	18264	110462	22272	110482	23626	110179
17184	110640	18275	111197	22295	110482	23627	110178
17219	110640	18276	111224	22297	110482	23629	110179
17228	111752	18277	110356	22615	110512	23630	110178
17229	112135	18289	110565	22700	110482	23631	110179
17236	111911	18291	110412	22703	110483	23632	110179
17258	111791	18299	110412	22704	110482	23634	110178
17300	110552	18343	113429	22705	110482	23635	110178
17307	111885	18350	112246	22708	110483	23636	110178
17318	112041	18361	112442	22715	110482	23637	110178

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS continued							
23640	110178	23735	110178	23838	110178	23961	111184
23641	110179	23736	110179	23839	111185	23962	110178
23642	110178	23737	111185	23840	110178	23963	110179
23643	110178	23738	111184	23841	111184	23968	110968
23644	110179	23741	110178	23842	111185	23973	110178
23645	110179	23742	110178	23843	110178	23974	110178
23646	110178	23743	110178	23844	110178	23983	111185
23647	110178	23745	110178	23847	110178	23984	111184
23648	110178	23747	110178	23848	111185	23985	111185
23649	110178	23748	110178	23850	110178	23986	111204
23650	110178	23749	110968	23851	110178	23989	110178
23651	110178	23750	110178	23852	110179	23990	110178
23652	110179	23751	111185	23853	110178	23991	111204
23653	110179	23752	110179	23854	110179	23994	111185
23654	110179	23753	110178	23855	110178	23995	110968
23655	110179	23754	110179	23856	110179	23996	113474
23656	110179	23755	110178	23857	111184	23999	111204
23657	110179	23756	111185	23860	111184	24013	113474
23658	110178	23758	111184	23862	113474	24014	111204
23659	110179	23759	111185	23865	111948	24015	113474
23660	110178	23760	111184	23872	111184	24016	111204
23661	110178	23761	110178	23873	111185	24017	111204
23662	110178	23762	110178	23874	110178	24019	111948
23663	110179	23763	110179	23878	110178	24022	111948
23664	110178	23764	110968	23880	111948	24023	110179
23665	110179	23765	111185	23882	110968	24024	111185
23666	110178	23766	111185	23886	110178	24026	111185
23667	110969	23767	111185	23889	110178	24028	111184
23668	110178	23768	111184	23890	111185	24031	110968
23673	111184	23769	110178	23891	111185	24033	110107
23674	110178	23770	110179	23893	111185	24034	113474
23675	110179	23771	111185	23895	110178	24036	111185
23676	110178	23772	110178	23896	111289	24037	111289
23677	111185	23773	110179	23902	113474	24044	110969
23678	110178	23774	110178	23903	110178	24045	110968
23679	110178	23775	110179	23904	110178	24048	110179
23680	113574	23777	110178	23905	111184	24049	113574
23683	111184	23778	110178	23906	111184	24051	110178
23684	111185	23779	111185	23909	110178	24052	110178
23685	110178	23780	110179	23910	110179	24054	111289
23686	110968	23781	110179	23911	110178	24058	110178
23687	110179	23782	110178	23912	110179	24059	110179
23690	110179	23783	113474	23914	110178	24061	111185
23691	111185	23785	110968	23915	110178	24063	110968
23692	111184	23786	110969	23916	110179	24064	110969
23693	111185	23793	110179	23917	110179	24065	111185
23694	110178	23794	110179	23918	110178	24066	111184
23695	110178	23795	110178	23919	110178	24067	113474
23696	110969	23796	110178	23920	110178	24071	110968
23699	110178	23797	110178	23921	110179	24082	111185
23700	110178	23799	110178	23922	110179	24083	111184
23701	110179	23800	110179	23923	110179	24087	111948
23702	111184	23801	110179	23924	111185	24089	111289
23703	110178	23802	110178	23925	111185	24090	113474
23704	110179	23804	110178	23926	111184	24094	110178
23706	110178	23805	110178	23927	111184	24095	110178
23707	110179	23806	111185	23928	111184	24098	111289
23708	110178	23808	111185	23929	111289	24099	111185
23709	111185	23809	111184	23935	110969	24103	110178
23711	110178	23810	111184	23937	113474	24108	110179
23712	110179	23811	111185	23938	113474	24112	111289
23713	110178	23813	110178	23939	110179	24114	111184
23714	110178	23816	110178	23940	110179	24115	111184
23715	110178	23818	110179	23941	110179	24123	111948
23716	110178	23819	110179	23942	110178	24124	110107
23717	110178	23820	110179	23943	113474	24128	111289
23718	110178	23821	110178	23944	110178	24133	110179
23719	111185	23822	110179	23945	111185	24134	111185
23720	111184	23823	110178	23946	111185	24136	111289
23721	111185	23824	110179	23947	111184	24137	111289
23723	110969	23825	110178	23948	110179	24140	110178
23724	110178	23826	110969	23949	110179	24141	110179
23725	110179	23827	110178	23950	110179	24144	111289
23726	110178	23828	111184	23951	110179	24153	110179
23728	110178	23831	110178	23952	110179	24157	110770
23729	110179	23832	110968	23953	110179	24158	111355
23730	110178	23833	113474	23954	110179	24161	112238
23731	110178	23835	111948	23959	110178	24165	111289
23734	110178	23837	110178	23960	110179	24166	111204

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
24171	110641	26147	110462	26428	112660	27570	110615
24179	110178	26148	110443	26432	110545	27571	110819
24180	110179	26151	110442	26433	112660	27572	110565
24181	111289	26153	110464	26436	110460	27575	112660
24182	111184	26154	110439	26917	110818	27577	110461
24185	111185	26166	110464	26925	110462	27578	110565
24186	111740	26167	110818	27305	113484	27580	110819
24199	111289	26173	110818	27401	110814	27582	110819
24202	111355	26186	110439	27408	110439	27583	110565
24203	111035	26189	110462	27409	110439	27584	110819
24204	110107	26193	110438	27411	110442	27585	110615
24208	110770	26196	110443	27413	110818	27586	112660
24209	111355	26198	110442	27415	110442	27587	110545
24213	111035	26200	110439	27417	110443	27588	110615
24214	111035	26211	110462	27419	110464	27589	111346
24215	111362	26213	110462	27420	110438	27590	111346
24228	112238	26220	110439	27421	110439	27592	110615
24235	110968	26227	110462	27423	110818	27593	110819
24237	111184	26233	110439	27424	110817	27594	110565
24240	112238	26242	110545	27426	110462	27595	111574
24241	112238	26246	111573	27427	110817	27596	110615
24242	112238	26264	110439	27430	113381	27598	111346
24245	111355	26273	110819	27432	110439	27599	110565
24246	111363	26274	110565	27435	110443	27601	112136
24249	111362	26278	110818	27440	110640	27602	111346
24250	111740	26281	110442	27459	110439	27603	110615
24256	111363	26283	110443	27463	110818	27604	112660
24261	111362	26284	110545	27464	110442	27606	110565
24272	110770	26285	110817	27465	110464	27607	110615
24273	111739	26286	110464	27467	110443	27608	111346
24274	111740	26288	110438	27469	110439	27609	110615
24276	110770	26290	110813	27470	110439	27610	111346
24277	111362	26291	110462	27472	110443	27614	110462
24289	111362	26294	110615	27473	110442	27620	111346
24291	111355	26295	110460	27474	110439	27621	110615
24294	111355	26304	111573	27476	110464	27625	110615
24295	113623	26310	110817	27477	110442	27626	111346
24297	112238	26316	110462	27478	110443	27627	111346
24298	110770	26323	110565	27479	110442	27628	110615
24300	110770	26330	110462	27480	110439	27629	111346
24318	111289	26336	112660	27485	110442	34228	181235
24322	112722	26338	110462	27486	110443	35630	181236
24356	111355	26339	110462	27487	110442	35670	181235
24380	112238	26342	110545	27488	110439	36614	181237
24384	113623	26343	111573	27489	110464	37197	130038
24385	113623	26344	110819	27500	110462	37198	130038
24387	111355	26345	110565	27501	110461	37228	130039
24390	111355	26351	111573	27502	111737	37229	130038
24400	111740	26352	110462	27503	110460	37230	130038
24407	112722	26355	110461	27506	110615	37258	130038
24408	110770	26356	110461	27508	112660	37274	130038
24414	113623	26357	110615	27510	110565	37277	130038
24415	113623	26358	110460	27512	110545	37327	130040
24450	112722	26359	111737	27513	111573	37342	130884
24454	110770	26364	110462	27515	110565	37344	130883
24479	113763	26365	110819	27518	110615	37362	130883
24480	113763	26366	110565	27519	110460	37365	130041
25016	111103	26369	111737	27520	110615	37388	130040
25022	111103	26374	110460	27522	110819	37395	130039
25024	111103	26375	110443	27523	110565	37396	130038
25041	111103	26376	111573	27524	110615	37397	130040
25061	111103	26379	111499	27526	111573	37398	130041
25062	111103	26388	110461	27528	111499	37399	130038
25063	111103	26390	110813	27529	110565	37403	130040
25065	111103	26391	110439	27531	110461	37405	130041
25079	111103	26394	110640	27533	112136	37407	130040
25085	111103	26395	110462	27537	110460	37408	130041
25087	111103	26398	112136	27539	110565	37432	130033
25088	111103	26399	110462	27540	110819	37451	130883
25097	111103	26406	110565	27541	111346	37503	130033
25138	111103	26407	110461	27546	110819	37529	130884
25149	111103	26408	110460	27547	111346	37542	130883
25201	111103	26410	110565	27556	112660	37543	130884
25239	111103	26411	110819	27559	110460	37563	130883
25735	110868	26412	110439	27564	111574	37568	130884
26071	110818	26414	111346	27565	111346	37570	130883
26137	110462	26417	110525	27567	110461	37572	130883
26143	110818	26418	110443	27568	111346	37573	130883
26145	110439	26422	110443	27569	110462	37574	130884

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O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS continued							
37577	130033	54022176	111355	54022458	110770	61920270	110882
37592	130033	54022178	110770	54022466	113763	61920271	112097
114360	114360	54022179	112238	54022469	113763	61920287	111184
26021103	110482	54022182	111362	54022481	111363	61920289	111184
26021104	110483	54022186	110770	54022483	110770	61920311	111289
26021235	111185	54022188	110770	54022510	112238	61920314	111289
26021276	113683	54022189	112238	54022524	113763	61924015	110813
26021278	113683	54022190	111356	54022525	113623	61924031	110518
26024243	111184	54022191	110770	54022527	112718	61924050	110536
26025115	113670	54022193	110770	54022528	112722	61924051	110523
26921046	111185	54022195	110770	54022529	112722	61924066	110813
26921168	113683	54022200	111355	54022530	112722	66021070	110497
26925056	112163	54022204	110770	54022532	112722	66021101	110972
35213725	110968	54022211	111362	54022536	110770	66021113	110968
35213730	110969	54022212	110770	54022552	112238	66021147	110107
35259690	111041	54022214	111356	54022554	110770	66021148	110971
54021350	111185	54022216	110770	54022560	112722	66021149	110972
54021351	111184	54022217	111356	54022561	112722	66021152	110975
54021491	110178	54022219	110770	54022572	111289	66921126	110497
54021493	110179	54022220	112238	54022579	111355	004001C01	113683
54021494	110178	54022225	110770	54022580	112722	22703K	110483
54021506	111356	54022226	110770	54022581	111356	22703M	110483
54021551	111184	54022229	110770	54022590	110770	22704H	110482
54021649	110975	54022234	111356	54022591	112238	22704L	110482
54021663	110968	54022238	110968	54022595	111356	22704Q	110482
54021764	111184	54022240	111035	54022598	111362	22705F	110482
54021772	110968	54022241	111362	54022606	113763	22705L	110482
54021810	110179	54022242	110770	54022616	110770	22715E	110482
54021813	110178	54022243	111289	54022620	111289	22715K	110482
54021831	110968	54022244	110770	54022621	110770	22719H	110483
54021845	110179	54022245	110770	54022623	110770	22719J	110483
54021850	110968	54022255	110770	54022625	110770	22733E	110483
54021853	110968	54022256	112238	54022626	113623	22733J	110483
54021868	110178	54022261	110968	54022639	111355	22762E	110484
54021873	111184	54022262	110770	54022642	111355	22765B	110482
54021879	111356	54022263	110770	54022646	112238	23548A	110178
54021898	110178	54022267	112238	54022647	111355	23548D	110178
54021917	110178	54022268	112238	54022656	112722	23548E	110178
54021918	110178	54022277	110770	54022663	112238	23565A	110178
54021919	111289	54022280	110770	54022668	111362	23566A	110178
54021920	110968	54022282	110770	54022686	110770	23568A	110179
54021921	111289	54022285	111356	54022695	111362	23570A	110178
54021953	110969	54022286	110968	54022740	111362	23570B	110178
54021985	110179	54022291	111356	54022746	112722	23572A	110179
54021986	110968	54022292	111363	54022751	112722	23572B	110179
54021987	111184	54022295	110770	54022752	111355	23572D	110179
54021988	110969	54022306	110770	54022803	111362	23763A	110179
54021993	110178	54022310	111363	54324157	181465	23842A	111185
54022001	113474	54022313	111356	60021011	110968	23865A	111948
54022006	110178	54022335	111362	60021012	110969	23974A	110178
54022007	113474	54022336	111739	60021013	110968	23985A	111185
54022011	110179	54022337	111740	60021014	110968	23986A	111204
54022014	110968	54022341	110770	60021015	110969	24019A	111948
54022017	110178	54022342	111356	60021026	110975	24022A	111948
54022032	110178	54022348	110770	60021040	110968	24026A	111185
54022053	111362	54022349	110770	60021041	110969	24033A	110107
54022054	110968	54022382	111355	60021054	110972	24036A	111185
54022057	110770	54022383	110770	60021055	110972	24049A	113574
54022058	112238	54022384	110770	60021056	110972	24049B	113574
54022059	111356	54022389	111356	60021061	110969	24058A	110178
54022083	110178	54022391	110968	60021062	110968	24059A	110178
54022084	110179	54022392	110770	60021063	110975	24061A	110178
54022097	110968	54022393	112238	60021065	110969	24061B	110178
54022108	110770	54022397	113623	60021066	110968	24063A	110968
54022109	110770	54022398	110770	60021067	110975	24063D	110968
54022117	110770	54022408	111355	60021068	110975	24065A	111185
54022118	110770	54022409	110770	60210158	110968	24066A	111184
54022137	110969	54022410	111356	60210159	110969	24072A	111356
54022140	112238	54022414	110770	60210160	110969	24072B	111356
54022142	111362	54022418	111356	60210163	110968	24087A	111948
54022143	110770	54022426	110770	60210164	110968	24087B	111948
54022147	111289	54022428	111355	60210165	110968	24087D	111948
54022160	111362	54022431	110770	60210167	110968	24099A	111185
54022163	110770	54022432	110770	60921028	110969	24112A	111289
54022164	110770	54022437	112722	60921029	110968	24123A	111948
54022165	110178	54022438	110770	60921030	110968	24134A	111185
54022167	110770	54022439	110770	60921031	110969	24157A	110770
54022171	111035	54022443	112718	61920107	111184	24157D	110770
54022173	111356	54022445	110770	61920269	110890	24157E	110770

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
24157F	110770	26286H	110464	26408D	110460	27515A	110462
24161A	112238	26286J	110464	26408E	110460	27518A	110615
24161D	112238	26288A	110438	26410A	110565	27518B	110615
24181A	111185	26288E	110438	26410B	110565	27518E	110615
24185A	111184	26288F	110438	26411A	110819	27519A	110460
24186A	111740	26294A	111737	26411B	110819	27519D	110460
24186B	111740	26294B	111737	26412A	110439	27520A	110615
24208A	110770	26294D	111737	26414A	111346	27520D	110615
24208B	110770	26294E	111737	26414E	111346	27522A	110819
24213A	111035	26294F	111737	26422A	110443	27522D	110819
24214A	111035	26294N	111737	26428A	112660	27523A	110565
24228A	112238	26294Q	111737	26436A	110460	27523D	110565
24235A	110968	26295A	110460	26436B	110460	27526A	111573
24235B	110968	26295B	110460	26921168A	113683	27526D	111573
24235D	110968	26295D	110460	26925155A	110462	27530A	112136
24237A	111184	26295E	110460	26925155B	110462	27533E	112136
24240A	112238	26295F	110460	26925188A	110438	27537A	110460
24241A	112238	26295M	110460	26925188D	110438	27537B	110460
24242A	112238	26304A	111573	26925189A	110439	27539A	110565
24245A	111355	26304B	111573	26925189D	110439	27539F	110565
24246A	111363	26304D	111573	26925193A	110565	27540A	110819
24256A	111363	26310A	110817	26925194A	110443	27540H	110819
24261A	111362	26310D	110817	26925194D	110443	27541A	111346
24273A	111739	26310E	110817	26925196A	111346	27541D	111346
24274A	111740	26310F	110817	26925240A	110421	27546A	110819
24294A	111355	26310H	110817	26925262B	112660	27546B	110819
24295A	113623	26323A	110565	26925316A	110615	27559A	110460
24295B	113623	26339A	110462	26925519A	110565	27559E	110460
24297A	112238	26339B	110462	27409A	110439	27564A	111574
24298A	111362	26339D	110462	27409B	110439	27564F	111574
24327A	111363	26339H	110462	27409D	110439	27565B	111346
24356A	111355	26339K	110462	27413A	110818	27565D	111346
25092D	111103	26341A	110565	27413D	110818	27568A	111346
25735A	110868	26342A	110545	27415A	110442	27569A	110462
25735E	110868	26342D	110545	27415B	110442	27570A	110615
26024033A	113478	26342K	110545	27415D	110442	27570B	110615
26024070A	113670	26343A	111573	27417A	110443	27571A	110819
26025009B	110615	26343B	111573	27417B	110443	27571B	110819
26025110A	111574	26343D	111573	27417D	110443	27572A	110565
26025115A	113670	26343K	111573	27419A	110464	27572B	110565
26025117A	110523	26345A	110565	27419D	110464	27577A	110461
26025128A	110442	26345B	110565	27420A	110438	27583A	110565
26143A	110818	26345D	110565	27420B	110438	27593A	110819
26143H	110818	26345J	110565	27423A	110818	27627B	111346
26143J	110818	26357A	110615	27424A	110817	37563A	130883
26143Q	110818	26357B	110615	27424B	110817	37574A	130884
26148A	110443	26357E	110615	27427A	110817	40001C01	113683
26148F	110443	26357R	110615	27427E	110817	529965EX	112660
26148H	110443	26358A	110460	27430A	113381	A0828	112097
26148N	110443	26358B	110460	27430B	113381	A0924	110766
26196A	110443	26358H	110460	27435A	110443	LEA0001	111185
26196B	110443	26359A	111737	27440A	110640	LEA0002	111184
26211A	110462	26359B	111737	27440B	110640	LEA0003	111184
26211A/L	110462	26359F	111737	27459A	110439	LEA0004	111289
26211L	110462	26366A	110565	27463A	110818	LEA0009	111948
26211M	110462	26366F	110565	27463D	110818	LEA0010	111185
26211T	110462	26369A	111737	27469A	110439	LEA0011	111289
26211U	110462	26369H	111737	27470A	110439	LEA0015	110890
26220A	110439	26369J	111737	27470B	110439	LEA0016	112097
26246A	111573	26375A	110443	27474A	110439	LEA0028	111184
26246E	111573	26375D	110443	27474B	110439	LEA0029	110882
26246L	111573	26376A	111573	27500A	110462	LEA0033	110770
26246M	111573	26376K	111573	27500J	110462	LEA0034	111289
26281A	110442	26376L	111573	27501A	110461	LEA0035	111355
26281E	110442	26379A	111499	27501B	110461	LEA0036	111355
26281F	110442	26379F	111499	27501E	110461	LEA0038	112238
26281J	110442	26390A	110813	27502A	111737	LEA0044	111289
26281R	110442	26390B	110813	27502D	111737	LEA0045	111035
26283A	110443	26390E	110813	27503A	110460	LEA0055	111362
26283F	110443	26391A	110439	27503D	110460	LEA0057	112722
26283H	110443	26395A	110462	27506A	110615	LEA0058	112722
26283K	110443	26395B	110462	27506D	110615	LEA0060	112722
26284E	110545	26395D	110462	27508A	112660	LEA0066	111363
26285A	110817	26395E	110462	27508B	112660	LEA0074	111362
26285E	110817	26395H	110462	27508D	112660	LEA0111	111740
26285F	110817	26398A	112136	27510E	110565	LEA0112	111355
26286A	110464	26398F	112136	27512A	110545	LEA0115	113623
26286E	110464	26398H	112136	27512D	110545	LEA0117	110770
26286F	110464	26408A	111573	27513A	111573	LEA0120	111739

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS continued							
LEA0121	111740	LRA00137	110611	LRA00434	110881	LRA00844	111289
LEA0124	110770	LRA00137	110882	LRA00443	110972	LRA00870	110890
LEA0128	111356	LRA00137	110890	LRA00443	111168	LRA00890	110360
LEA0134	111355	LRA00143	110360	LRA00444	110972	LRA00893	110360
LEA0451	110882	LRA00146	110611	LRA00444	111168	LRA00894	110975
LEA0527	112098	LRA00147	111184	LRA00451	111355	LRA00894	112098
LEA0590	112097	LRA00152	110968	LRA00456	110890	LRA00910	110890
LEA0593	111686	LRA00152	111204	LRA00456	110912	LRA00912	110890
LEA0596	110912	LRA00177	110969	LRA00459	110890	LRA00913	110882
LEA0611	111686	LRA00190	110611	LRA00459	111620	LRA00913	111180
LEA0619	111843	LRA00190	110912	LRA00460	110770	LRA00922	110766
LEA121	111740	LRA00190	111620	LRA00460	111362	LRA00923	112098
LES0001	111573	LRA00198	110971	LRA00461	110770	LRA00924	110766
LES0003	110817	LRA00199	110899	LRA00461	110968	LRA00925	110761
LES0004	110443	LRA00199	111035	LRA00461	111355	LRA00926	110043
LES0006	110545	LRA00199	111180	LRA00462	110770	LRA00929	111686
LES0007	110464	LRA00208	110077	LRA00462	111362	LRA00931	111141
LES0008	110818	LRA00220	111948	LRA00462	112722	LRA00936	112747
LES0009	111737	LRA00226	111185	LRA00463	112238	LRA00938	111419
LES0010	110460	LRA00228	111289	LRA00464	111035	LRA00958	110770
LES0011	110442	LRA00230	111289	LRA00474	111528	LRA00958	111355
LES0012	110438	LRA00231	110968	LRA00474	113477	LRA00959	111948
LES0013	110565	LRA00232	110975	LRA00506	110972	LRA00961	110107
LES0014	110640	LRA00246	111289	LRA00506	111168	LRA00963	111289
LES0015	110439	LRA00247	110969	LRA00509	110975	LRA00964	111948
LES0016	110615	LRA00269	110912	LRA00514	111620	LRA00969	112742
LES0017	110462	LRA00270	111035	LRA00517	111289	LRA00975	110882
LES0019	110565	LRA00271	111180	LRA00522	111740	LRA00990	110875
LES0021	110819	LRA00273	110178	LRA00530	111363	LRA00998	111035
LES0023	110460	LRA00274	110178	LRA00532	110770	LRA01058	110170
LES0024	111346	LRA00274	110179	LRA00562	110360	LRA01068	110075
LES0029	111499	LRA00274	110969	LRA00582	111204	LRA01091	111042
LES0030	112136	LRA00274	111185	LRA00582	113574	LRA01117	111686
LES0031	113381	LRA00274	111204	LRA00583	111185	LRA01199	110105
LES0034	110461	LRA00274	111289	LRA00584	110641	LRA01199	111649
LES0035	111574	LRA00275	110178	LRA00595	110912	LRA01208	112310
LES0036	110518	LRA00275	110968	LRA00597	110882	LRA01209	110881
LES0037	110813	LRA00275	111289	LRA00597	110912	LRA01229	110445
LES0038	110536	LRA00277	110968	LRA00602	110770	LRA01244	111289
LES0039	110523	LRA00277	113574	LRA00602	111289	LRA01251	113611
LES0040	110615	LRA00278	110968	LRA00603	111035	LRA01285	110505
LES0041	111346	LRA00278	111289	LRA00607	110770	LRA01300	110360
LES0043	110565	LRA00281	110975	LRA00607	111289	LRA01303	111740
LES0044	110565	LRA00301	110975	LRA00607	111362	LRA01308	111215
LES0121	110412	LRA00307	110912	LRA00611	111662	LRA01346	112736
LES0186	112172	LRA00307	112768	LRA00617	112098	LRA01352	111686
LES0202	111760	LRA00355	111289	LRA00618	111141	LRA01397	112046
LES0230	110813	LRA00356	111185	LRA00621	110105	LRA01422	111141
LES0271	113655	LRA00357	110179	LRA00623	111141	LRA01456	112183
LES0281	110447	LRA00357	110969	LRA00625	110761	LRA01464	111048
LRA00100	110178	LRA00358	110178	LRA00628	110360	LRA01469	111048
LRA00100	111185	LRA00358	110179	LRA00640	111289	LRA01490	112529
LRA00101	110179	LRA00358	110969	LRA00693	112238	LRA01542	112492
LRA00101	111184	LRA00358	111184	LRA00710	110969	LRA01543	111832
LRA00102	110178	LRA00358	111289	LRA00712	110890	LRA01593	111716
LRA00102	110968	LRA00359	110968	LRA00733	110107	LRA01616	113469
LRA00103	111185	LRA00359	111185	LRA00744	110881	LRA01624	112556
LRA00104	110179	LRA00359	111289	LRA00748	110881	LRA01654	112035
LRA00104	110969	LRA00359	111362	LRA00752	111686	LRA01657	113611
LRA00105	110179	LRA00360	113474	LRA00753	111620	LRA01668	111978
LRA00105	111184	LRA00361	111948	LRA00753	111686	LRA01669	112722
LRA00106	110178	LRA00372	110969	LRA00775	110968	LRA01724	111940
LRA00106	111185	LRA00373	110969	LRA00779	110882	LRA01773	112556
LRA00112	110178	LRA00374	110969	LRA00779	110890	LRA01844	112194
LRA00112	110975	LRA00375	110968	LRA00780	111362	LRA01860	112529
LRA00113	110179	LRA00375	111289	LRA00812	112310	LRA01869	112389
LRA00113	111184	LRA00375	111362	LRA00820	112098	LRA01888	111355
LRA00118	110179	LRA00376	110770	LRA00821	110890	LRA01919	112196
LRA00118	111184	LRA00376	111289	LRA00821	110968	LRA01943	111830
LRA00122	111356	LRA00376	111362	LRA00829	110912	LRA01949	112062
LRA00127	110179	LRA00376	113574	LRA00829	111035	LRA01950	113401
LRA00127	110969	LRA00378	111289	LRA00832	111035	LRA01980	110620
LRA00129	110968	LRA00381	110968	LRA00833	110882	LRA02016	111048
LRA00129	111185	LRA00386	111528	LRA00833	110912	LRA02116	113543
LRA00131	110968	LRA00388	111369	LRA00833	111686	LRA02116	113543
LRA00131	113474	LRA00392	111289	LRA00837	112097	LRA02138	112196
LRA00131	113574	LRA00396	112310	LRA00839	112097	LRA02147	113610
LRA00132	110178	LRA00405	111035	LRA00841	110611	LRA02179	113562
LRA00134	110360	LRA00422	110971	LRA00844	110178	LRA02192	113961

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA02208	113856	LRS00170	110565	LRS00922	110206	LRS01572	113125
LRA02222	111355	LRS00172	110438	LRS00922	110208	LRS01600	113726
LRA02234	113949	LRS00173	110565	LRS00923	110523	LRS01620	110530
LRA02415	112747	LRS00182	110640	LRS00925	110520	LRS01622	112442
LRA02423	110117	LRS00182	110813	LRS00932	110530	LRS01633	111260
LRA02437	110448	LRS00190	110439	LRS00940	110522	LRS01797	110468
LRA02449	112113	LRS00195	110615	LRS00944	110640	LRS01806	110512
LRA02479	110801	LRS00212	110462	LRS00944	113381	LRS01818	113484
LRA02481	111833	LRS00215	110442	LRS00946	110521	LRS01829	110347
LRA02490	110591	LRS00215	110565	LRS00949	111001	LRS01901	113850
LRA02495	112170	LRS00217	110421	LRS00956	112039	LRS01905	111254
LRA02503	113477	LRS00230	110462	LRS00968	110615	LRS01910	111254
LRA02571	112098	LRS00232	110565	LRS00969	111346	LRS01910	111254
LRA02592	111141	LRS00240	112660	LRS00987	112555	LRS01923	113184
LRA02615	110620	LRS00260	110868	LRS01006	110818	LRS01945	113356
LRA02616	111048	LRS00301	110439	LRS01008	110438	LRS01946	110347
LRA02621	111948	LRS00301	110819	LRS01012	110245	LRS01952	113484
LRA02652	111620	LRS00304	110461	LRS01027	113482	LRS01974	110210
LRA02653	111620	LRS00305	110460	LRS01035	110551	LRS01976	110813
LRA02672	112098	LRS00435	110525	LRS01053	111001	LRS01976	110813
LRA02688	113632	LRS00435	113482	LRS01057	110536	LRS01985	111752
LRA02689	111369	LRS00443	110520	LRS01058	111224	LRS01988	111752
LRA02690	111739	LRS00490	110421	LRS01064	111217	LRS02045	110443
LRA02698	113531	LRS00500	110182	LRS01069	111332	LRS02050	110530
LRA02712	112098	LRS00552	111499	LRS01076	110412	LRS02144	110521
LRA02720	111289	LRS00553	112136	LRS01083	111332	LRS02149	110208
LRA02722	111289	LRS00554	113381	LRS01089	111755	LRS02151	110534
LRA02727	110882	LRS00565	111755	LRS01103	110522	LRS02155	110206
LRA02731	111843	LRS00566	111332	LRS01105	110412	LRS02205	111911
LRA02778	110766	LRS00568	111332	LRS01108	110246	LRS02242	110530
LRA02826	113529	LRS00570	111752	LRS01109	113482	LRS02328	110552
LRA02997	112160	LRS00615	111683	LRS01131	110933	LRS02375	113696
LRA03011	113898	LRS00632	111332	LRS01133	110421	LRS138	110464
LRA03026	113401	LRS00638	113269	LRS01134	110551	LRS2407	114021
LRA03290	114379	LRS00639	111332	LRS01135	111021	LRS926	110545
LRA03302	113763	LRS00658	110844	LRS01137	110356	LRT00119	111911
LRA1560	113921	LRS00672	113467	LRS01144	110813	LRT00161	112172
LRA1860	112529	LRS00673	110461	LRS01149	112246	LRT00176	110461
LRA2208	113856	LRS00706	111574	LRS01153	111098	LRT00605	110449
LRA2378	112097	LRS00739	110461	LRS01168	112674	LRT00608	111024
LRA463	112238	LRS00750	111911	LRS01169	110447	LRT00610	110449
LRB00122	111356	LRS00762	110536	LRS01173	110469	LRT00616	111024
LRB00134	110881	LRS00794	111000	LRS01174	110551	LRT00631	110518
LRB00136	110105	LRS00796	112132	LRS01190	111015	LRT00632	110449
LRB00136	111649	LRS00817	110512	LRS01197	110539	NAB300	110968
LRB00193	111369	LRS00819	110206	LRS01236	111224	NAB301	110969
LRB00217	112529	LRS00820	112249	LRS01246	110819	NAB302	110970
LRB00290	112722	LRS00821	110537	LRS01256	110627	NAB303	110971
LRB00291	113763	LRS00822	110537	LRS01272	112034	NAB304	110972
LRB00293	113632	LRS00823	110531	LRS01276	112034	NAB307	110975
LRB00294	113632	LRS00824	110512	LRS01279	112041	NAB900	110497
LRB00300	112097	LRS00825	110210	LRS01283	110933	NAB905	111204
LRB00305	111888	LRS00837	110517	LRS01286	110468	NCB112	130039
LRB00320	111369	LRS00837	110521	LRS01289	112268	NCB113	130038
LRB00344	110620	LRS00838	110814	LRS01294	111300	NCB114	130038
LRB00344	111048	LRS00839	110517	LRS01300	111885	NCB118	130041
LRD00100	110482	LRS00839	110518	LRS01316	111197	NCB119	130040
LRD00100	110483	LRS00839	110521	LRS01317	111224	NCB120	130041
LRD00101	110483	LRS00840	110520	LRS01318	110940	NCB121	130884
LRD00103	110484	LRS00840	110601	LRS01321	110552	NCB130	130883
LRS00101	111103	LRS00841	110518	LRS01322	112074	NCB131	130884
LRS00106	111573	LRS00842	110521	LRS01326	110461	NCB132	130883
LRS00113	110462	LRS00843	110512	LRS01360	111087	NCB134	130033
LRS00115	110462	LRS00843	110520	LRS01374	112442	NCB136	130033
LRS00120	110817	LRS00843	110601	LRS01379	112172	NDB100	110482
LRS00124	110443	LRS00845	110213	LRS01415	111703	NDB101	110483
LRS00127	111103	LRS00847	110529	LRS01422	111855	NSB415	110818
LRS00129	110462	LRS00847	110640	LRS01428	111300	NSB500	110442
LRS00135	110868	LRS00848	110522	LRS01429	112546	NSB501	110442
LRS00137	110460	LRS00850	110529	LRS01439	112172	NSB503	110443
LRS00147	110545	LRS00850	110813	LRS01443	110421	NSB509	110439
LRS00151	110462	LRS00854	110512	LRS01457	111855	NSB513	110818
LRS00155	110464	LRS00860	110208	LRS01484	111755	NSB515	110464
LRS00157	110818	LRS00861	110534	LRS01486	112135	NSB520	110462
LRS00161	110520	LRS00862	110531	LRS01498	113968	NSB521	110461
LRS00161	110615	LRS00863	110208	LRS01505	113725	NSB522	110615
LRS00161	111737	LRS00883	110207	LRS01520	110460	NSB523	110545
LRS00162	110460	LRS00920	110775	LRS01547	110940	NSB524	110615
LRS00170	110442	LRS00921	110536	LRS01563	112442	NSB529	110565

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS continued							
NSB530	110819	63221405	112034	63304087	112097	63307536	110890
NSB531	110565	63221435	112034	63304088	112097	63307801	111620
NSB540	110565	63223537	111911	63304090	112097	63307802	111686
S0850	110813	63224170	110521	63304091	112097	63307805	111686
S4515	110819	63224580	110521	63304093	112097	63307822	111686
S4523	110818	63224600	110529	63304095	112097	63307832	111686
SFB165	160314	63226301	110213	63304100	112097	63307841	110890
SSB100	181476	63226391	110213	63304120	112097	63307862	111686
SSB101	181476	63226845	110818	63304800	110611	63307872	111686
TGE426A	160376	63227413	110818	63305020	110912	63308300	112097
		63227470	110819	63305120	112768	63308310	112097
		63227478	110615	63305150	110912	63308320	112097
		63227479	110442	63305206	110882	63308330	112097
		63227480	110819	63305226	110882	63308340	112097
		63227485	110442	63305236	110882	63308350	112097
		63227486	110615	63305256	110882	63308360	112097
		63227488	110819	63305276	110882	63308370	112097
		63227489	110464	63305300	110912	63308380	112097
		63227501	110461	63305310	110912	63320004	111035
		63227508	112660	63305400	110912	63320015	111686
		63227512	110545	63305401	111035	63320018	111620
		63227518	110615	63305404	110912	63320021	110882
		63227520	110615	63305405	110912	63320023	110890
		63227528	110818	63305406	110912	63320025	112097
		63227541	111346	63305424	110912	63320026	111620
		63227565	111346	63305425	110912	63320028	111035
		63227568	111346	63305426	110912	63320032	111620
		63227569	110462	63305430	110912	63320037	112768
		63227585	110615	63305431	111035	63320042	111620
		63227588	110615	63305450	110912	63320044	111620
		63227590	111346	63305506	110890	63320046	111620
		63227596	110615	63305520	110912	63320049	111686
		63227598	111346	63305526	110890	63320056	111035
		63227599	111346	63305536	110890	63320060	112097
		63227601	112136	63305606	110890	63320100	110890
		63280041	113655	63305621	110912	63320105	111620
		63280070	111911	63305801	111620	63320112	110912
		63293537	111911	63305802	111686	63320121	111620
		63296357	110615	63305822	111686	63320128	110912
		63300506	110899	63305832	111686	63320129	111620
		63300521	111180	63305842	111686	63320130	111035
		63300802	111180	63306000	112097	63320141	110912
		63300900	111180	63306050	112097	63320349	113763
		63300901	111180	63306060	112097	63321003	111035
		63300920	111180	63306070	112097	63321005	111035
		63300921	111180	63306079	112097	63321008	110912
		63300931	111180	63306089	112097	63321010	110912
		63303100	110611	63306300	112097	63321019	111686
		63303110	110611	63306301	112097	63321020	111686
		63303120	110611	63306302	112097	63321021	111686
		63303130	110611	63306350	112097	63321022	111686
		63303140	110611	63306360	112097	63321031	111686
		63303150	110611	63306370	112097	63321035	110882
		63303191	110611	63306379	112097	63321036	110882
		63303192	110611	63306389	112097	63321037	110882
		63303500	110611	63307150	110912	63321041	110890
		63303581	110912	63307160	110912	63321045	112097
		63303610	111035	63307206	110882	63321046	112097
		63304000	112097	63307207	110882	63321047	112097
		63304001	112097	63307227	110882	63321048	112097
		63304002	112097	63307236	110890	63321049	112097
		63304010	112097	63307246	110882	63321050	112097
		63304011	112097	63307256	110882	63321052	112097
		63304012	112097	63307400	110912	63321055	112097
		63304020	112097	63307401	111035	63321056	111620
		63304021	112097	63307405	110912	63321061	110912
		63304022	112097	63307407	110912	63321062	111620
		63304030	112097	63307410	110912	63321063	112097
		63304031	112097	63307420	110912	63321071	110912
		63304040	112097	63307425	110912	63321072	111620
		63304041	112097	63307427	110912	63321080	110912
		63304050	112097	63307429	110912	63321084	111620
		63304051	112097	63307430	110912	63321086	111620
		63304061	112097	63307431	111035	63321095	112768
		63304075	112097	63307450	110912	63321096	111620
		63304081	112097	63307460	110912	63321099	111686
		63304082	112097	63307470	110912	63321104	112097
		63304083	112097	63307506	110890	63321115	112097
		63304084	112097	63307526	110890	63321146	111686

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63321152	111620	MSN2039	113182	063216731	110521	063324202	110770
63321153	111620	MT38R	111217	063216733	110520	063324245	110770
63321154	111035	MT38RA	111217	063216733	110601	063324245	111355
63321161	112097	MT43HA	110520	063216741	110518	063324249	111362
63321163	112097	MT62BA	110529	063216748	110521	063324256	111363
63321172	110912	MT67A	110521	063216831	110529	063324273	111739
63321180	110890	MT67AB	110521	063216876	110530	063324274	111740
63321197	110912	MT67AC	110521	063216884	110530	063324276	110770
63321285	112718	MT67AD	110521	063216896	110522	063324277	111362
63321346	112718	MT67B	110520	063217121	110640	063324294	110770
63321466	113763	MT67BA	110520	063217121	113381	063324294	111355
63321493	110912	MT67C	110518	063217126	110529	063324296	110770
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63321744	114384	MT67CB	110518	063217148	110814	063324318	111289
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63324157	110770	MT67DB	110521	063223435	111911	063324407	112722
63324242	112238	MT67AA	110521	063227413	110818	063340003	113763
63324245	111355	MT68A	110529	063227421	110439	063521150	112172
63324273	111739	MT68AB	110529	063227470	110439	063522235	110813
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63324294	111355	MT68AD	110529	063227486	110443	063523673	110525
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63324327	111363	MT68LA	110522	063227488	110439	063534897	110766
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63324385	113623	MT68LC	110522	063227501	110461	943214376	110601
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63377461	113763	MT71A	110813	063227601	112136	943217147	110814
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943321084	111620	054022384	110770	063321021	111686	943227502	110615
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943356633	111289	054022598	111356	063321056	110912	943251419	112172
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943252216010	113467	054022647	111355	063324161	110770	943252198	110207
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M125-3/12	110529	054022656	112722	063324199	111289	943252205	110523
M125M3-Z9(3/12)	110529	063216731	110517	063324199	111362	943252206	110525

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	
MAGNETI MARELLI continued								
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943252212	110512	943356657	111168	943252281010	112249	9125300	111249	
943252216	113467	943356671	110972	943252294010	110210	9125320	110512	
943252217	110536	943356671	111168	943356230010	112742	9125330	110206	
943252221	110213	943356694	111289	943356236010	113611	9125340	110512	
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943252241	110539	943356703	110077	943356380010	110890	9142320	110521	
943252244	110525	943356708	111141	943356468010	111141	9142700	111755	
943252248	113484	943356709	111141	943356632010	111289	9142702	113269	
943252256	111755	943356712	110971	943356645010	112768	9142722	114254	
943252276	111332	943356723	110881	943356697010	110360	9142723	110522	
943252281	112249	943356732	110972	943356708010	111141	9142724	110461	
943252282	111332	943356732	111168	943356766010	112736	9142726	111855	
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943252295	111755	943356766	112046	943357775010	112747	9142745	112442	
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943252299	112555	943356766	112736	944280171100	111911	9142764	110818	
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943321056	111620	943357772	110611	MAN261	112097	9144742	110551	
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943321071	110912	943357772	111419	MAN786	112718	9144744	110529	
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943356054	111289	063227487010	110442	MSN227	110813	9513053	111662	
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943356473	112098	063534890930	111289	9124320	110517	9516740	111289	
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943356514	112529	943252045010	110537	9125010	110210	9516761	111168	
943356531	111289	943252129010	110512	9125020	110213	9516765	113542	
943356536	110975	943252189010	110534	9125220	110206	91428729	110464	
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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443113516241	113543	51.26201-7074	110512	3618908M1	111940	0041516101	110210
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443113516673	112035	51.26201-7108	110206	3637269R91	112136	0051543302	111141
443113516690	112098	51.26201-7110	110210	3638512R91	111289	0051545202	111141
443113516693	112098	51.26201-7112	110512	36388131R1	111289	0051545602	111141
443113516700	111362	51.26201-7114	110206	3698015R91	110770	0051546002	111141
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443115144722	112454	51.26201-9057	110210	3930503R1	111948	0071542302	111141
443115144723	110522	51.26201-9061	110210	3930504R1	111355	0071542602	113611
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443115144729	110545	51.26201-9117	110206	586-059-M92	112989	0081547802	111833
443115144742	110551	51.26201-9127	110206	9643382M1	110819	0081549202	112194
443115144743	110530	51.26201-9181	110206			0091540102	111369
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MAHINDRA				RF11-18-300	110969	0091543702	112194
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MAKO		MASSEY FERGUSON		0001512801	110210	0091548802	112194
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063296847000	110529	1699872M1	110107	0015455605	160466	A0001513301	110537
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063321042000	110890	1875955M1	110970	0021516401	110775	A0011514101	110512
063321154000	111035	1875955M91	110970	0021518001	110537	A0011516401	110775
MAN		1875958M92	110970	0021518101	110512	A0011519101	112249
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51.26101-7221	112196	3405390M1	111948	0031514101	110206	A0021518101	110512
51.26101-7237	112529	3477851R91	113574	0031514501	110206	A0021518401	110537
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51.26201-7008	111217	3539389M91	110439	0031516001	110512	A0021544002	112098
51.26201-7011	110530	3539390M91	110545	0031516601	110531	A0031510501	110525
51.26201-7012	110537	3552682M91	111289	0031517301	110525	A0031512101	112249
		3552682M92	111289	0031518701	110525	A0031514501	110206
		3581576M1	110615	0031540502	112098	A0031515601	110537
				0031541002	112098	A0031515701	110512

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MERCEDES BENZ continued							
A0031515901	110537	AH2025M4	111042	EGL218R	111289	9AR2620	111289
A0031516001	110512	AH2035M	111042	EGL232	111356	9AR2629	111289
A0031516401	110206	AH2035M4	111042	EGL232R	111356	9AR2630K	111362
A0031516601	110531	AH2040C4	110968			9AR2650	111289
A0031517301	110525	AH2140B14	110178	MOTOROLA			
A0031518701	110525	M0T84381	110182	2541148	111948	9AR2650D	110968
A0031540502	112098	M0T84381A	110182	2541163	111289	9AR2651	110969
A0031541002	112098	M0T90881	114485	2541194	110178	9AR2651D	110969
A0031541702	110766	M0T92581	110182	2541263	110975	9AR2652	111289
A0041512201	110525	M1T66081	112177	2541423	111419	9AR2652F	111289
A0041516001	110206	M2T50371	110933	2940060	113477	9AR2653	110969
A0041516101	110210	M2T50381	110933	2940080	111362	9AR2653F	110969
A0051512701	110206	M2T50391	110933	2940793	111141	9AR2654G	110968
A0051512801	110210	M2T54083	111300	432984QO	110107	9AR2655G	110969
A0051543202	113611	M2T54085	111300	510-104	110178	9AR2683	110968
A0051543302	111141	M2T54091	111300	510-105	110178	9AR2683G	110968
A0051545202	111141	M2T54671	111275	510-122	110968	9AR2684P	110969
A0051545602	111141	M2T56471	111275	510-123	110975	9AR2699G	110968
A0051546002	111141	M2T56472	111275	510-146	110975	9AR2700	111289
A0051546302	110875	M2T56475	111275	510-163	110968	9AR2700G	111289
A0051546602	110875	M2T58971	112177	510-187	110107	9AR2701	111289
A0051548302	110761	M2T58981	111300	510-249	110077	9AR2703	111289
A0051549802	110875	M2T60271	111275	510-289	110043	9AR2704F	110969
A0061541502	110875	M2T61371	111275	510-298	110107	9AR2705	110968
A0061541602	112098	M2T63371	111703	510-299	110107	9AR2705G	110968
A0061541702	110766	M3T10473	110182	510-300	110107	9AR2706	110969
A0061542402	111141	M3T10475	110182	510-301	110107	9AR2706G	110969
A0061542902	111649	M3T10476	110182	510-315	110107	9AR2707G	111289
A0071542302	111141	M3T10476D	110182	510-316	110107	9AR2715F	112310
A0081547402	112194	M3T29681	110421	510-320	110107	9AR2725F	110107
A0081547802	111833	M3T33181	110421	510-368	110107	9AR2756F	110360
A0081549202	112194	M3T33481	110421	510-38	110970	9AR2786K	111948
A0091540102	111369	M3T49981	110421	510-384	110105	9AR2803F	110969
A0091540202	111369	M3T49982	110421	510-39	110970	9AR2826K	111948
A0091541702	112194	M3T64172	111275	510-427	110117	9AR2835	110360
A0091543002	112529	M4T95481	111000	510-456	110107	9AR2835G	110360
A0091543602	112194	M5T23172	111275	510-492	110107	9AR2841	110968
A0091543702	112194	M7T03774	110999	510-501	110107	9AR2843G	111289
A0091545802	112529	M7T03777	110999	510-54	110968	9AR2851	111948
A0091545902	111369	M8T70071	111300	510-56	110970	9AR2851K	111948
A0091548802	112194	M8T80471	114280	510-59	110969	9AR2852	111948
A0101541502	112196	M8T80471A	114280	8SC2023Z	113898	9AR2852K	111948
A0101541602	112196	M8T80472	114280	9AL3776	110043	9AR2853	111948
A0101544602	111369	M8T80472A	114280	9AL3955G	112097	9AR2853K	111948
A0101544702	112529	MD017645	111042	9AL5050K	110890	9AR2856	111948
A0101545402	112529	ME108080	114280	9AR2510	111948	9AR2856K	111948
A0101545502	111369	ME108364	114280	9AR2513	111948	9AR2861K	111948
A0101549902	111369	MM409410	110933	9AR2513F	111948	9AR2862	111948
A0111540402	112529	MM409414	110933	9AR2514	111948	9AR2862K	111948
A0111545002	111833	MM432804	111832	9AR2514F	111948	9AR2877	110179
A0121541402	113949	MM435081	111832	9AR2528F	110360	9AR2878	110969
A0131547302	111833	MM435752	111832	9AR2529	110975	9AR2883	110360
		MM438844	111832	9AR2529F	110975	9AR2883G	110360
MITSUBA				9AR2539	110968	9AR2887	110107
SM11	113671	MONARK		9AR2539K	110968	9AR2888	110107
		337004	110525	9AR2545	111289	9AR2896G	110360
MITSUBISHI				9AR2547	110970	9AR2913	110969
30A6000200	070213	81382305	110536	9AR2547F	110970	9AR2915F	110178
A0T25171	111832	81387004	110536	9AR2548	110970	9AR2916	110178
A0T25271	111832	81387034	110525	9AR2548K	110970	9AR2918	111185
A0T25371	111832	81388001	110523	9AR2549	110970	9AR2918G	111185
A0T25373	111832	81388020	110518	9AR2549F	110970	9AR2919	113574
A1T11574	111042	81456002	110206	9AR2553	111948	9AR2919P	113574
A1T22074	111042	81466002	110206	9AR2553K	111948	9AR2944K	111948
A1T70783	110448	81466003	110208	9AR2556	111948	9AR2951	111686
A2T32171	111035	81466005	110207	9AR2556K	111948	9AR2951L	111686
A4TU5485	113886	81466008	110210	9AR2561	110968	9AR2960F	110968
A4TU5486	113886	81466009	110208	9AR2561K	110968	9AR2963	113574
A5T31372	111289	81466023	110206	9AR2562	110969	9AR2963L	113574
A5T31772	111289	81466051	110206	9AR2562K	110969	9AR2968	110105
A5T31773	111289	81467001	110210	9AR2566G	111948	9AR2968K	110105
A5T31774	111289	81467005	110213	9AR2566K	111948	9AR2978	111289
A7T02071	112492	81467006	110213	9AR2569	110969	9AR3868G	110043
A7T02071A	112492	81468001	110537	9AR2569G	110969	9AR3952	112097
A7T02071C	112492	81468009	110208	9AR2570	110968	9AR3952G	112097
A7T02077	112492	MOTORCRAFT		9AR2570G	110968	9AR5006G	111180
A7T02077A	112492	EGL217	111289	9AR2603	110179	9AR5019	110179
A7T02077C	112492	EGL217R	111289	9AR2603F	110179	9AR5022	111289
A7T03877	113562	EGL218	111289	9AR2603G	110179	9AR5022G	111289

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9AR5040K	111948	NEW HOLLAND		28810-G9709	160396	3898	170448
9AR5060	110968	8017114	090318	34466-03200	111275	3898	171119
9AR5070K	111948	8210242	112718	34466-15202	111275	3899	170456
9AR5083G	110107	82003307	112718	34466-20201	111275	3930	170417
9AR5092K	111289	82006984	070134	ONAN		3930	170795
9AR6012	110117	82010242	112718	185-2166	110552	5001	171480
9AR6012G	110117	82010243	113529	191-1529	113015	5006	171481
9AR6015K	110766	82014508	113529	191-1567	113015	5007	170340
110-238	110445	82020011	113621	191-2212	113429	5007	170773
110-244	110445	82032859	114050	191-2347	113429	5008	170339
110-252	111736	82980757	110813	OPEL		5008	170772
110-565	113898	84141452	113621	1202048	110844	5407	170593
8HA2009KA	110179	87310882	113621	1204004	111168	5626	170482
8MA2010P	110170	87652087	113621	1204005	111168	5626	171102
8MA2010PA	110170	87751000	113570	1204008	110972	5627	170413
8MA2014P	110170	87774252	112773	1204009	110972	5627	170794
8MA2014PA	110170	185086530	113696	1204010	110972	5631	170584
8MR2033T	111736	323019050	114021	1204011	110972	5637	170351
8MR2035T	110445	500364130	114384	1204013	111168	5637	170793
8SC2282VG	113898	NIKKO		1204020	110972	6253	170580
9FB2LD2A05	110975	0-21000-3730	110412	1204021	110972	6411	170344
MWM		0-21000-4230	110412	1204110	110077	6411	171098
01180302	112747	0-21000-4231	110412	1204197	110972	6413	170343
12270186	112098	0-21000-5230	110412	1204198	110972	6413	171097
12270612	111978	0-21000-5231	110412	1204222	111168	6416	171488
305710100004	110766	0-23000-1260	111254	1204316	111168	6418	170341
605710100109	110641	0-23000-1310	111254	1204317	110972	6418	171094
605710100112	110766	0-23000-1700	111254	1204318	110972	6423	170414
605710100130	111662	0-23000-1830	111041	1204319	110972	6423	171096
605710100136	110641	0-23000-1850	112268	1204320	110972	6424	170415
605710100146	110766	0-23000-1870	111041	1204321	111168	6424	171099
605720100016	110512	0-23000-1880	110604	1204335	111168	6428	170590
605720100071	111332	0-23000-1890	110604	1238550	160297	6429	171100
605720100105	111332	0-23000-2010	112268	1238621	160311	6439	170591
NAGARES		0-23000-2030	111760	1450156	160197	6450	171489
IT4412	160243	0-23000-2031	111760	1450174	160197	6451	170342
ITA412	160312	0-23000-2040	111760	1450182	160197	6453	170592
ITA512	160314	0-23000-2060	111221	9287211	160311	6461	170411
ITE3	160312	0-23000-2070	112668	22127653	160197	6461	171095
ITE324	160313	0-23000-2100	111254	90337045	111168	6475	170588
ITG312	160242	0-23000-2101	111254	90337047	110972	6476	171139
ITG324	160261	0-23000-2102	111254	90349207	111168	6480	170589
ITG412	160244	0-23000-2103	111254	90349210	110972	7135	170816
ITGS312	160242	0-23000-2140	112268	90448286	070203	7225	170644
ITGS324	160261	0-23000-2201	111254	90509271	070203	7225	171093
ITGS412	160243	0-23000-2260	113452	94448959	111683	7231	170337
ITH3	160341	0-23000-2270	111760	OSRAM		7234	171531
ITJS312	160315	0-23000-2470	111760	1157	170724	7240	170673
ITRC6	160262	0-23000-2540	111254	2721	170410	7241	170337
MR1220	160363	0-24000-3120	114324	2721	170775	7244	170453
RDP512	160168	0-24000-3122	114324	2741	170477	7301	170579
RDP524	160169	0-24000-3123	114324	2741	171108	7309	170575
RL18012	160477	0-24000-3250	114324	2820	170725	7326	170814
RL8024	160478	0-24000-3251	114324	2820	171121	7327	170815
RLAC424	160239	0-35000-0390	112160	2821	170331	7351	170573
RLAC424	160240	0-35000-0391	112160	2821	171104	7360	170574
RLP412	160311	0-35000-0392	112160	2825	170347	7429	170507
RLP512	160265	0-35000-0460	112160	2825	171105	7429	171088
RLP5212D	160270	0-35000-0461	112160	2827	170754	7430	170583
RLP5224	160216	0-35000-0471	112160	2841	170476	7501	171475
RLP5224D	160271	0-35000-0480	112160	2841	171106	7506	170335
RLP524	160266	NIPPONDENSO → DENSO		2845	170542	7507	170769
RLPA412	160083	NISSAN		2845	171107	7511	171089
RLPA424	160215	01501081-0	160282	3757	170711	7511	170349
RLPA5212	160316	01501189-0	160327	3796	170345	7512	170826
RLPA5224	160317	01505634-0	160311	3796	171103	7517	170481
RLPD12	160267	01505997-0	160282	3797	170416	7517	171476
RLPS12	160282	01506377-0	160311	3799	170796	7526	171472
RLPS412	160282	01506437-0	160282	3860	171483	7528	170336
RLPS424	160307	01506584-0	160308	3892	170580	7535	170761
RLPS5212	160308	23100-Q9000	110968	3893	171492	7537	170452
RLPS5224	160337	23360-30R12	135401	3893	170346	7537	171092
RP10024	160721	25230-89978	160480	3894	170774	7669	170578
RP12012	160720	28810-G9708	160395	3895	170594	7950	171477
					171491	7951	170338
						7951	170771
						7952	170350
						9004	170692

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
OSRAM continued							
9005	170693	64122MF	170751	2873108	111024	2871A123	110969
9006	170694	64124MF	170752	2873109	110449	2871A124	110968
9145	171036	64150SUP	170965	2873116	110439	2871A126	110969
9507	170849	64150SUP	171070	2873118	110439	2871A128	110968
9507	171090	64151ALL	170723	2873119	110442	2871A129	111184
9511	170451	64193GP	171114	2873121	110443	2871A131	111185
9511	171078	64193L	170657	2873123	110442	2871A132	110178
9627	170455	64193L	171113	2873124	110442	2871A134	110178
9627	171118	64193SUP	170804	2873126	110464	2871A136	110178
9637	170454	64193SUP	171066	2873141	110443	2871A137	110179
9637	171076	64215L	171532	2873143	110439	2871A138	110968
9930	170503	7506L	170658	2873145	110442	2871A141	110770
64070	170493	7507LDA	171371	2873147	110449	2871A147	110770
64070	171068	7512A	170481	2873152	110818	2871A148	110770
64111	170470	7527	170586	2873153	110464	2871A149	112238
64113	170502	7528L	170659	2873154	111024	2871A154	110770
64115	170380	7529	170482	2873168	110818	2871A156	113763
64132	170741	7533	170582	2873179	110178	2871A160	111355
64132	171082	7569	170577	2873180	110442	2871A163	110770
64136	170742	7582	170581	2873181	110442	2871A165	111289
64136	171083	7597	170614	2873185	110442	2871A168	113763
64138	171084	9006XS	171794	2873186	110442	2871A301	113763
64149	170696	PANASONIC		7523002	110442	2871A302	113763
64150	170069	35259380	110525	7523821	110442	2871A303	113763
64150	170332	PARIS RHONE → VALEO		37701400	110615	2871A306	113763
64151	170070	PERKINS		185046220	111048	2871A411	110968
64151	170333	31179	110443	185046320	113562	2871D031	110770
64152	170493	31196	110442	185046360	111355	2871D032	110107
64153	170496	31197	110442	185046500	113763	2871D033	110107
64155	170449	34237	110442	185046501	113763	2872D002	110442
64155	171072	34263	110482	185046522	113763	2873A001	110615
64156	170412	1871629	130040	185086291	111300	2873A010	110443
64156	170836	1871633	130040	185086321	110552	2873A012	110439
64173	170576	1871635	130040	185086410	111300	2873A015	110442
64173	171073	1871636	130040	185086500	111300	2873A016	110464
64175	170478	1871703	130040	185086510	111300	2873A017	110439
64183	170681	2871161	110482	185086530	113696	2873A029	111346
64185	170718	2871170	110483	185086610	110552	2873A030	111737
64191	170572	2871175	110483	185086620	111300	2873A031	111346
64193	170334	2871178	110482	1447732MI	110615	2873A102	110443
64193	170768	2871180	110483	1871A154	110968	2873A103	110442
64193	170804	2871181	110484	1871A163	110968	2873A104	110439
64196	170348	2871182	110483	1873A010	110443	2873A105	110464
64196	170792	2871184	110484	1873A012	110439	2873A15	110442
64199	170006	2871609	111185	1873A013	110442	2873B052	110819
64210	170720	2871611	110178	1873A015	110442	2873B053	110460
64211	171037	2871612	110969	1873A052	110819	2873B055	111346
64212	171034	2871613	110178	1873A053	110615	2873B056	110615
64213	171035	2871615	110178	1873A054	111346	2873B057	110460
64215	170800	2871616	110179	1873A055	111346	2873B061	110819
64215	171080	2871619	110178	1873A056	110615	2873B071	110615
66042	171613	2871621	130038	23737R	111289	2873B072	111346
66050	171132	2871622	130038	23962R	111289	2873B073	111346
66154	171683	2871623	130039	23963R	110179	2873D001	110565
66240	171133	2871624	130038	24123R	111948	2873D003	110443
94196	170450	2871625	130039	26283R	110443	2873D004	110819
94196	171125	2871626	130038	26294R	111737	2873D005	110439
2321MFX	171379	2871627	130038	26295R	110460	2873K405	113655
2322MFX	171380	2871628	130041	26358R	110460	2873K624	114388
2351MF6	171381	2871629	130040	26408R	110460	2873K625	114388
2351MFX6	170727	2871631	130039	26410R	110565	2873K626	114388
2351MFX6	171109	2871632	130038	26414R	111346	2873K634	114388
2352MFX6	170756	2871633	130039	27432R	110439	3181A084	113763
2352MFX6	171110	2871634	130041	27533R	112136	3873K625	114388
2452MFX6	171023	2871637	130041	2848A275	090225	TPN758	113763
2473MFX6	171033	2871638	130041	2848A279	090225	TPN771	113763
2721MF	170357	2871702	130883	2871A101	111184	PETTER	
2721MF8	170612	2871706	130883	2871A102	111185	282250	110483
2721MF8W	170545	2871707	130033	2871A103	110178	PEUGEOT	
2721MFHZ	171382	2871708	110969	2871A105	110178	168093	080994
2721MFJF	171384	2873001	111737	2871A107	110178	655117	160308
2721MFX	171024	2873002	110460	2871A109	111289	655504	160308
2722MF	170610	2873003	110565	2871A110	110969	655533	160282
2741MF	170358	2873004	110565	2871A112	110969	9619879180	160570
2741MF8	170613	2873006	111346	2871A116	110178	6434.60	160629
2741MFX	171028	2873008	110819	2871A118	110178		
2825L	170662	2873022	111737	2871A120	111185		
5007L	170660			2871A121	111184		
5008L	170663			2871A122	111289		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PHILIPS		12594	170644	13593	170360	102-311	110529
1157	170724	12594	171093	13597	170613	102-311A	110529
6336	171469	12596	170071	13598	170358	102-312	110529
6421	171471	12597	170612	13620	170350	102-313	110813
6458	171473	12598	170357	13628	170362	102-316	110529
6498	171475	12600	170610	13748	170574	102-317	110529
6499	171476	12604	170610	13807	170589	102-322	110529
6620	171477	12605	170357	13814	170351	102-323	110530
6807	171479	12605	170610	13814	170793	102-324	110521
6811	171484	12620	170338	13821	170413	102-325	110520
6814	171480	12620	170771	13821	170794	102-327	111001
6821	171481	12718	170814	13822	170482	102-330	110813
6828	171482	12728	170815	13822	171102	103-083	110421
6829	171483	12748	170573	13829	170456	103-144	110182
6849	171485	12803	171139	13844	170414	103-186	110182
6850	171486	12807	170588	13844	171096	103-224	110933
6854	171487	12814	170339	13864	170415	103-224A	110933
6864	171488	12814	170772	13864	171099	103-330	112177
6866	171489	12818	170590	13866	171100	103-331	111300
6913	171491	12819	170580	13910	170474	103-345	111275
6929	171492	12821	170340	13913	170416	103-352	111300
9004	170692	12821	170773	13929	170417	103-352A	111300
9005	170693	12822	170593	13929	170795	103-352B	111703
9006	170694	12829	170448	13961	170542	103-384	111300
12023	170470	12829	171119	13961	171107	104-106	112674
12025	170380	12844	170341	13972	170800	104-142	110552
12027	171124	12844	171094	13972	171080	104-147	111098
12036	170741	12850	170342	24356	171084	104-232	110443
12036	171082	12854	170411	85122	171133	104-235	110412
12039	170591	12854	171095	85126	171132	104-269	110412
12040	170948	12860	170005	85410	171613	104-277	110565
12052	170822	12864	170343	12258BV	171071	104-295	110439
12060	170726	12864	171097	12258PR	170965	105-200	110640
12064	171135	12865	170005	12258PR	171070	106-010	110510
12065	170777	12866	170344	12258VP	171136	106-016	110510
12066	170776	12866	171098	12336AW	170723	106-020	110949
12188	171869	12875	170509	12342BV	171067	106-024	111701
12227	170575	12886	170951	12342GO	171114	106-030	113015
12241	170577	12894	170726	12342GOLD	171114	106-034	111012
12247	170579	12910	170594	12342LL	170657	106-034A	111012
12256	170331	12913	170345	12342LL	171113	106-044	112150
12256	171104	12913	171103	12342PR	170804	106-055	112831
12258	170069	12929	170346	12342PR	171066	106-060	112568
12258	170332	12929	170774	12342VP	171134	106-061	112568
12311	170576	12960	170725	12496SV	171371	106-077	111701
12311	171073	12960	171121	12498LL	170658	106-200	110635
12325	170581	12961	170347	12499LL	170659	106-205	111804
12336	170070	12961	171105	12814LL	170663	106-206	112242
12336	170333	12972	170720	12821LL	170660	106-210	113539
12342	170334	12972	171077	12961LL	170662	106-212	113539
12342	170768	13241	170578	12972BV	171079	106-305	112313
12342	170804	13256	170476	12972LL	171117	106-306	112564
12356	170742	13256	171106	12972PR	171081	106-526	113017
12356	171083	13258	170449	12972VP	171137	106-526A	113017
12396	170754	13258	171072	13342GO	170721	108-192A	113269
12396	171123	13311	170478	13342HD	170450	108-236	110439
12401	170582	13324	170614	13342HD	171125	108-236A	110439
12402	170583	13336	170412	13498HD	170451	108-237	110565
12413	170584	13336	170836	13498HD	171078	108-237A	110565
12422	170585	13342	170348	13521M	170358	108-264	111015
12428	170696	13342	170792	13814HD	170454	108-278	113478
12445	170586	13401	170480	13814HD	171076	108-378	110439
12454	170493	13401	171086	13821HD	170455	120-070	112034
12454	171068	13402	170507	13821HD	171118	120-112E	110775
12455	170496	13402	171088	13850	170592	120-149	111855
12458	170718	13413	170938	13929HD	170503	120-149A	111855
12475	170681	13421	170483	13972LL	171532	120-152	112172
12496	171089	13422	170481	6445/99	171472	120-164	110868
12498	170335	13445	170761			120-164A	110868
12498	170769	13454	170494	PIC		120-186	110868
12499	170336	13496	170849	7111	110075	120-186A	110868
12499	170770	13496	171090	12125	110107	120-202	111911
12500	170337	13498	170349	13193	110105	120-310	110844
12503	170673	13498	170826	102-211	111911	120-310A	110844
12516	170410	13499	170452	102-308	110522	120-331A	111015
12516	170775	13499	171092	102-308A	110522	120-361	111911
12569	170009	13500	170453	102-309	110518	120-497	111755
12569	171065	13516	170477	102-310	110521	120-497A	111755
12593	170572	13516	171108	102-310A	110521	120-498	111755

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PIC continued							
120-500	111755	120-6009	110512	140-9849	110347	142-153	111000
120-500A	111755	120-6009A	111249	140-9873	111000	142-158	111000
120-501	112249	120-6009B	111249	141-205	111224	142-159	111000
120-504	111752	120-6010	110550	141-209	111224	142-161	110999
120-504A	111752	120-6010A	110208	141-211	111224	142-162	110999
120-504B	111752	120-6030	112034	141-213	111224	142-162B	110999
120-504C	111752	120-6039	113534	141-267	112243	142-164	112243
120-504G	111752	120-6045	112071	141-267B	110436	142-167	112243
120-505	110530	120-6052	112132	141-269	112243	142-167A	112243
120-505A	110530	120-6052A	112132	141-281	111224	142-167B	112243
120-5061A	110512	120-6063	110443	141-317	111021	142-171	110999
120-5061B	110512	120-6075	110436	141-330	112243	142-171B	110999
120-507	110536	120-6083	110213	141-330B	112243	142-172	110999
120-5070	110461	120-6083A	110213	141-330D	112243	142-177	110999
120-5070A	110461	120-6088A	110207	141-330F	112243	142-180	112089
120-513	110536	120-6114	113900	141-331	112243	142-182	110347
120-514	110525	120-6123	112249	141-331A	112243	142-186	110347
120-516	110536	120-6126	111332	141-331C	112243	142-187	110347
120-518	110525	120-6126A	111332	141-350	111224	142-188	110347
120-518B	110525	120-6126B	111332	141-350A	111224	142-188A	110347
120-518C	110525	120-6131	110536	141-350D	111224	142-194	110347
120-524	110525	120-6132A	112249	141-351	111224	142-197	110347
120-526	110529	120-6276	114021	141-351A	111224	142-206B	112089
120-526A	110529	120-800	110999	141-351B	111224	142-211	112089
120-527	112660	120-800A	110999	141-351D	111224	142-212	112089
120-527A	112660	120-803	110347	141-351E	111224	142-212H	112089
120-528	110522	120-803A	110347	141-353	112169	142-213	112089
120-530	110536	120-821	110347	141-353D	112256	142-218	112089
120-531	112660	120-837	110539	141-353F	112169	142-219	110436
120-535A	110529	120-840	112074	141-353J	112256	142-221	110436
120-539	112135	140-556	111041	141-355	112256	142-222	110436
120-539A	112135	140-6051	112546	141-355E	112256	142-222D	110436
120-539B	112135	140-714	111260	141-400	111224	142-225	110436
120-543	110522	140-714D	111260	142-035	111000	142-226	110436
120-548	110462	140-720D	111049	142-037	112089	142-226D	110436
120-550	112041	140-730	110468	142-043	110999	142-241	110999
120-553	112074	140-730A	110468	142-047	112089	142-241A	111000
120-553B	112074	140-731	110468	142-075	112089	142-242	111000
120-556A	110530	140-731A	110468	142-095	112089	142-244	111000
120-561	111791	140-741	110491	142-101	112089	142-253	110347
120-561A	111791	140-741A	110491	142-101B	112089	142-257	110999
120-561B	111791	140-744A	110469	142-101D	112089	142-258	110999
120-562	112074	140-745	110469	142-101F	112089	142-261F	110999
120-564	113726	140-745A	110469	142-101I	112089	142-262	110999
120-565	110521	140-761	111259	142-102	112089	142-262F	110999
120-565A	110521	140-761A	111259	142-102B	112089	142-268	110999
120-565B	110521	140-762	111259	142-102D	112089	142-279	110436
120-566	111885	140-773	110469	142-102F	112089	142-295	110436
120-567	110517	140-774A	110469	142-106F	112089	142-295D	110436
120-568	111001	140-802	110604	142-110	112089	142-313B	111000
120-568A	111001	140-802A	110604	142-111	112089	142-317	110436
120-568B	111001	140-815A	112268	142-115	112089	142-326	110436
120-570	110520	140-828	111041	142-115D	112089	142-332	110436
120-570A	110520	140-828D	111041	142-116	112089	142-364	110436
120-571	110518	140-828E	111041	142-121	110436	142-368	112089
120-571A	110518	140-828G	111041	142-121B	110436	142-368H	112089
120-581A	110537	140-834	110604	142-121D	110436	142-371	111000
120-581B	110537	140-834A	110604	142-121F	110436	142-372D	110999
120-581C	110537	140-834B	110604	142-121J	110436	142-605	111000
120-581D	110537	140-834C	110604	142-122	110436	142-608	111000
120-582B	110534	140-834D	110604	142-122B	110436	142-612A	112089
120-585	110512	140-839	112660	142-125	110436	142-612B	112089
120-585A	110512	140-840	111221	142-125H	110999	142-618	112089
120-589	110206	140-840A	111221	142-131	110436	142-625	112089
120-589A	110210	140-840B	111221	142-131B	110436	142-627	110999
120-589B	110210	140-846	112268	142-132	110436	142-679	112089
120-589C	110210	140-846A	112268	142-132B	110436	142-693A	110436
120-590	112555	140-854	112268	142-133	110436	142-769	111000
120-591	110531	140-854A	112268	142-141	111000	142-781	111000
120-591A	110531	140-881	111760	142-141B	110999	142-795	110999
120-596	110439	140-908	112268	142-141J	111000	142-797	110999
120-597	110813	140-915	111221	142-141K	111000	150-025	113728
120-597A	110813	140-917	111760	142-142	111000	151-351B	111224
120-599	111885	140-918	111760	142-142B	111000	160-203	111000
120-599A	111885	140-919	111760	142-144	112089	160-337	112249
120-6002	110536	140-925	112268	142-151	111000	160-377	112249
120-6002A	110536	140-926	111041	142-151B	110999	170-270	111221
120-6002C	110529	140-927	110604	142-152	110999	180-110A	111103
120-6004	110818	140-936	112668	142-152A	110999	180-131	110868

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
180-240	111755	182-248	112136	203-272	110448	220-5016	112194
180-300D	110462	182-256A	110537	204-124	110107	240-095	110075
180-300H	111499	182-260B	110523	204-164	110107	240-120	110075
180-301	110462	182-278	110206	204-208A	110448	240-120A	110075
180-302	111573	185-253	110412	208-385	111948	240-122	110075
180-302A	111573	185-260	111254	208-387	111940	240-201-9	110505
180-303	110462	185-260A	111254	208-388	111716	240-210	110505
180-305	110819	190-011	110421	208-391	111948	240-210-3	110505
180-305B	110819	190-011A	110421	208-392	111940	240-211	110505
180-306	111346	190-113	110421	208-396	112183	240-211-3	110505
180-306A	111346	190-115	110421	208-400	113477	240-214	110505
180-307	112660	190-117	110421	208-400A	113477	240-215	110505
180-307B	112660	190-117A	110421	208-405	111355	240-216	110505
180-308	110460	190-142	110245	208-406	111355	240-217-3	110504
180-308C	111346	190-189	113597	208-588	112529	240-218	110505
180-309	110565	190-201	113725	208-589A	112529	240-219	110505
180-310	110565	190-307	110940	208-597	112529	240-220	110075
180-313	110615	190-309	110245	210-156	110170	240-222	110505
180-313A	110615	190-312	110356	210-212	110975	240-225	110075
180-313B	110615	190-316	110447	210-221	110975	240-247	111713
180-313C	110615	190-316A	110447	210-229	111736	240-247-6	111713
180-315	110462	190-316B	110447	210-246	111948	240-252	110508
180-316	110460	190-317	110940	210-268	110445	240-253	110505
180-319	110464	190-318	110940	210-290	111948	240-256	110952
180-319A	110464	190-388	110356	211-120	110075	240-257	110505
180-349	110565	190-425	111197	220-021	112046	240-261	110952
180-349A	110565	190-429	111622	220-114	111035	240-299	110508
180-349B	110565	190-432	110447	220-134A	110875	240-299-3	110508
180-349C	110565	190-437	111021	220-144	110899	240-299-9	110508
180-349E	110565	190-500	111683	220-144A	110899	240-300-6	110508
180-349F	110565	190-508	111087	220-146	112098	240-301-3	110505
180-352	110818	190-531	113596	220-159	110360	240-301-6	110508
180-352B	110818	190-541	112546	220-159C	110360	240-301-9	110508
180-353	110442	190-544	113663	220-176	110881	240-306-9	110508
180-359	112136	190-548	110940	220-187	110077	240-785	110591
180-359A	112136	190-548A	110940	220-188	110641	240-800	112260
180-360	110439	190-556	110246	220-188A	111662	240-800A	112260
180-360A	110439	190-560	111021	220-189	112742	240-802	110300
180-360B	110439	190-560A	111021	220-202	111686	240-803	110300
180-361	110443	190-574	113696	220-280A	112194	240-806	110591
180-362	110818	190-575	110246	220-281	112194	240-815	110591
180-366	110438	190-578	110940	220-281A	112194	240-816	110591
180-375	113670	190-583	111021	220-290	110641	240-816A	110591
180-385	110438	190-586	110356	220-295	111369	240-834	112989
180-387	111574	190-587	110246	220-295A	112529	240-835	110801
180-389	110442	190-593	111197	220-295B	111369	240-835A	110801
180-389A	110442	190-6023	110447	220-343	111843	240-836	112989
180-389D	110442	190-757	111197	220-345	111888	240-858	113432
182-104	110536	190-775	113725	220-345A	111888	240-865	112160
182-105	110521	190-796	110436	220-349	110105	240-865A	112160
182-106	110529	190-800	110627	220-350	111649	240-866	112160
182-107	110439	190-801A	113725	220-351	111649	240-866A	112160
182-118	110518	190-801B	113725	220-352	112742	240-866B	112160
182-120	112555	190-801D	113725	220-353B	112098	240-867	112160
182-121	110565	190-801F	113725	220-356	110801	240-868	112992
182-134	110517	190-801H	113725	220-357	111419	250-142	110641
182-138	110530	190801J	113725	220-365	110591	250-802	110300
182-140	110813	190-801J	113725	220-366	110882	260-300	110427
182-146	111001	190-846	111224	220-366A	110890	260-301	110427
182-148	110522	190-850	111224	220-367	112493	280-099	110178
182-154	110529	190-854	111224	220-369	110766	280-100	111185
182-160	110529	190-878	110999	220-369A	110766	280-101	110178
182-162	110525	190-878A	110999	220-375	112773	280-102	110178
182-170	110814	190-885	111000	220-377	110882	280-102A	110969
182-176	110819	190-9011	111224	220-378	112170	280-103	111204
182-178	110530	199-116	110449	220-380	111141	280-104	110179
182-184	110615	199-116A	111024	220-387	112736	280-104A	110179
182-186	112249	202-100	111035	220-389	112747	280-106	111204
182-188	110536	202-101	110912	220-391	110890	280-111	111185
182-192	112041	202-102	111035	220-391A	110890	280-112	110179
182-194	111755	202-103	110611	220-393	112747	280-119	111184
182-202	110813	202-110	112097	220-397	110766	280-127	110179
182-206	110462	202-112	111180	220-399	112097	280-128	111289
182-208	112074	202-116	110890	220-399A	112097	280-301	111948
182-212	110818	202-117	112768	220-406	112747	280-303	111185
182-224	111332	202-145	113621	220-413	112747	280-306	110968
182-234	112135	203-102	111042	220-420	111180	280-306A	110770
182-240	111755	203-167	113562	220-420A	111180	280-307	111363
182-246	112135	203-266	111832	220-487	110360	280-307A	111363

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PIC continued							
280-308	111289	900-018	110512	905-054	111035	20500762	110536
280-309	111739	900-023	111217	905-060	111035	20500839	110517
280-309A	111739	900-030	110601	905-064	111035	20500847	110529
280-310	111740	900-236	110536	905-066	111035	20500923	110523
280-313	110107	900-248	112135	905-068	110912	20500968	110615
280-318	110107	900-295	110520	905-086	111620	20500969	111346
280-320	113623	900-447	112074	905-088	111620	20513015	110552
280-321	113623	900-605	110512	905-092	111686	20513016	111300
280-324	113623	900-612	110537	905-108	110975	20513022	111703
280-325	112718	900-615	110512	910-284	110347	20513040	110245
280-327	112722	900-810	110818	910-307	110814	20513045	111885
280-328	113623	900-830	110439	910-323	111254	20513051	112041
280-329	113623	900-836	110460	910-575	111042	20513058	111752
280-330	111740	900-837	111573	910-623	112097	20513059	111021
280-331	111184	900-842	110565	910-695	110179	20513069	111855
280-331A	111184	900-843	110615	910-696	110179	35258810	111221
280-333	110770	900-848	110460	910-702	111035	35258880	110604
280-337	111355	900-853	110461	910-715	111362	35258990	110604
280-342	113683	900-854	110461	910-718	111740	35259130	111041
280-347	112718	901-077	110521	910-904	110075	35259620	110627
282-108	110766	901-078	110518	910-945	110075	35259650	110604
282-132	111662	901-079	110529	910-951	110075	35259680	110604
282-143	111833	901-086	110813	910-952	110075	35259690	111041
282-143A	111833	901-087	110814	910-992	110075	35259710	111041
282-148	111686	901-088	110517	911-010	110075	66021115	110969
282-152	111686	901-096	110814	911-127	110882	66021126	110497
282-154	110890	901-100	110517	911-228	110447	66021136	110968
282-156	110641	901-102	110521	911-437	110445	66021137	110969
282-157	111141	901-103	110521	911-601	112260	66021147	110107
282-163	110766	901-106	110529	911-614	110801	66021149	110972
282-164	112097	901-111	110529	940-360	110347	66021152	110975
282-170	112097	901-213	110421	980-005	110461	66021155	110497
282-172	110890	901-570	112249	980-006	110525	66021169	111204
282-174	110882	901-627	110817	980-007	110814	66021409	110968
282-177	112098	901-635	110439	983-001	113269	66021411	113574
282-186	111528	901-641	110461	983-004	110551	66021412	112238
282-190	111888	901-642	110461			66021416	110972
282-208	112389	901-655	111737	POONG SUNG		66021419	110968
282-224	112170	901-685	110518	03101-3030	111683	66021429	110968
290-171	110801	901-692	110814	03101-3031	111683	66021436	110972
290-175	113856	901-702	110421			66021438	110969
290-189	111830	901-747	112742	PORSCHE		66021445	111356
290-193	111048	901-777	112747	92862817200	160197	66021456	110968
290-193	113921	901-808A	110178			66021459	110972
290-194	111048	901-809	110969	PRESTOLITE		66021461	110968
290-196	111048	901-813	110179	855694	111000	66021479	110107
290-198	111048	901-826	110179	858320	110518	66021486	111204
290-198A	111048	901-879	110970	860141	112097	66021490	110643
290-198B	111048	901-890	110975	860177	110043	66021543	111355
290-199	111048	902-071	110882	860715	114388	66021579	110972
290-199	113921	902-103	110881	20100190	110912	66021583	111948
290-199A	111048	902-145	110770	20100220	111948	66021605	111739
290-199A	113921	902-147	110770	20100522	111739	66021636	110968
290-199B	113921	902-148	111362	20100530	111739	66021637	110969
290-209	110620	902-236	111686	20100693	110969	66021836	112722
290-402	110445	902-373	110565	20100958	110968	66925050	110439
290-402A	110445	902-406	110210	20110134	110881	66925051	110442
290-405	111215	902-702	110522	20110134	110881	66925089	110615
290-437	111048	902-800	112089	20110305	111888	66925090	110565
290-439	111048	902-823	112089	20130116	112718	66925170	110462
290-5166	113921	902-940	110347	20130133	110077	51-178	110427
340-07	110505	902-976	110347	20130136	111843	51-212	110427
340-111	110505	902-977	110347	20130137	112046	66021126K	110497
340-13	110505	903-136	110436	20130192	110179	66021490A	110643
340-33	110505	903-483	112243	20140110	111048	66021616A	110643
340-38	110505	903-865	110412	20200100	110482	ANB6001	110427
340-41B	113598	904-029	110868	20200101	110483	ANB6002	110427
340-43	110505	904-036	111103	20500106	111573	ANB6004	110427
340-73	110505	904-045	110640	20500120	110817	ANB7001	110427
340-85	110505	904-071	110868	20500124	110443	ANB7002	110427
340-94	110505	904-276	110521	20500147	110545	ANB7003	110427
340-99	110505	904-278	110522	20500155	110464	ANB7004	110427
380-10	110484	904-294	110640	20500157	110818	MEO6005	112249
380-11	110483	904-486	110061	20500190	110439	MFY6201I	110999
380-12	110483	904-487	110060	20500195	110615	MFY6201K	110999
380-13	110482	904-829	110300	20500212	110462	MFY6401K	110999
380-15	110484	904-830	112260	20500552	110462	MFY6401L	110999
900-004	110213	904-831	112260	20500673	110461	MFY6601I	110999
900-014	110206	904-832	112260	20500706	111574	MFY6601K	110999

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
OMS124	110627	1100090	112260	1100493	110505	1100677	110075
OMS125	111041	1100092	110325	1100495	110505	1100678	110075
PBNA0101	110179	1100093	110300	1100496	110505	1100679	110075
PBNA0104	110179	1100118	110505	1100498	110505	1100680	110075
PBNA0105	110179	1100123	110505	1100499	110325	1100681	110075
PBNA0110	110972	1100127	110505	1100533	110075	1100682	110075
PBNA0111	110179	1100151	110505	1100551	110505	1100683	110075
PBNA0113	110179	1100159	110505	1100553	110075	1100684	110075
PBNA0121	110968	1100165	110505	1100557	110075	1100686	110075
PBNA0130	110969	1100170	110505	1100558	110075	1100687	110075
PBNA0131	110968	1100171	110505	1100561	110505	1100688	110075
PBNA0143	110968	1100185	112260	1100562	110505	1100689	110075
PBNA0147	110179	1100188	112260	1100565	110505	1100690	110075
PBNA0185	110968	1100189	112260	1100566	110075	1100691	110075
PBNA0190	110912	1100198	110505	1100567	110075	1100692	110075
PBNA0206	110968	1100200	110508	1100568	110075	1100693	110075
PBNA0220	111948	1100201	110505	1100569	110075	1100694	110075
PBNA0228	110968	1100203	110505	1100570	110075	1100695	110075
PBNA0229	110969	1100204	110505	1100571	110075	1100696	110075
PBNA0230	110968	1100205	110508	1100572	110075	1100697	110075
PBNA0382	112238	1100206	110508	1100582	110505	1100698	110075
PBNA0392	110968	1100207	110508	1100583	110505	1100699	110075
PBNA0582	111355	1100208	110508	1100584	110505	1100700	110075
PBNA0584	110077	1100209	110508	1100585	110505	1100701	110075
PBNA0586	110969	1100211	110300	1100587	110505	1100702	110075
PBNA0597	110912	1100212	112260	1100589	110504	1100703	110075
PBNS1176	110461	1100213	112260	1100590	110075	1100704	110075
PBNS1608	111024	1100217	110508	1100591	110075	1100705	110075
PBNS1644	110449	1100237	110508	1100598	110505	1100706	110075
PBNS3015	110552	1100239	110508	1100600	110075	1100707	110075
PBNS3016	111300	1100240	110508	1100601	110075	1100708	110075
PBNS3022	111703	1100241	110508	1100605	110075	1100709	110075
PBNS3040	110245	1100242	110508	1100613	110075	1100710	110075
PBNS3045	111885	1100243	110508	1100616	110075	1100711	110075
PBNS3051	112041	1100246	110508	1100617	110075	1100713	110075
PBNS3058	111752	1100247	110508	1100618	110075	1100714	110075
PBNS3059	111021	1100249	110508	1100620	110075	1100719	110075
PBNS3101	110627	1100250	110508	1100621	110075	1100720	110075
PBNS3102	110627	1100251	110508	1100622	110075	1100724	110075
		1100252	110508	1100623	110075	1100725	110075
PUROLATOR		1100254	110508	1100624	110075	1100726	110075
40222	070076	1100255	110508	1100625	110075	1100727	110075
50107	070191	1100257	110508	1100627	110075	1100728	110075
60107	070191	1100259	110508	1100628	110075	1100729	110075
40106N	070188	1100260	110508	1100629	110075	1100730	110075
		1100263	110508	1100630	110075	1100731	110075
REAL		1100264	110508	1100631	110075	1100733	110075
20401234	110206	1100265	110508	1100632	110075	1100734	110075
20404077	110814	1100266	110508	1100633	110075	1100736	110075
20404081	110813	1100269	110508	1100634	110075	1100737	110075
20404082	113381	1100270	110508	1100636	110075	1100738	110075
		1100272	110508	1100637	110075	1100739	110075
REMY (DELCO)		1100273	110508	1100638	110075	1100740	110075
050	110972	1100274	110300	1100639	110075	1100741	110075
051	111168	1100275	110508	1100640	110075	1100742	110075
052	110972	1100276	110508	1100642	110075	1100744	110075
066	111168	1100280	110505	1100646	110075	1100745	110075
067	110972	1100281	110505	1100647	110075	1100750	110075
068	110972	1100287	110508	1100648	110075	1100752	110075
208	111168	1100288	110508	1100649	110075	1100755	110075
619	111168	1100289	110508	1100651	110075	1100758	110075
719	111168	1100290	110508	1100655	110075	1100759	110075
199903	111000	1100291	110508	1100656	110075	1100760	110075
219051	113458	1100292	110505	1100657	110075	1100761	110075
219055	113457	1100294	110505	1100658	110075	1100762	110075
390049	113457	1100297	110505	1100659	110075	1100763	110075
390050	113458	1100298	110508	1100661	110075	1100764	110075
390087	111647	1100299	110508	1100662	110075	1100765	110075
1100072	112260	1100300	110505	1100663	110075	1100767	110075
1100073	112260	1100374	110505	1100664	110075	1100768	110075
1100077	110300	1100419	110505	1100665	110075	1100769	110075
1100078	110591	1100422	110505	1100668	110075	1100770	110075
1100080	112260	1100438	110505	1100669	110075	1100771	110075
1100081	112260	1100441	110505	1100670	110075	1100772	110075
1100084	112260	1100444	110505	1100671	110075	1100774	110075
1100086	112260	1100485	110505	1100672	110075	1100775	110075
1100087	112260	1100490	110505	1100674	110075	1100777	110075
1100089	112260	1100491	110505	1100675	110075	1100778	110075
		1100492	110505	1100676	110075	1100779	110075

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) continued							
1100780.....	110075	1100929.....	110505	1102492.....	110505	1103141.....	110505
1100781.....	110075	1100930.....	110505	1102499.....	110505	1103144.....	110505
1100782.....	110075	1100931.....	110075	1102551.....	111713	1103148.....	110505
1100784.....	110075	1100932.....	110075	1102553.....	112260	1103149.....	110505
1100787.....	110075	1100933.....	110075	1102578.....	110505	1103150.....	110505
1100788.....	110075	1100934.....	110505	1102593.....	110505	1103151.....	110505
1100789.....	110075	1100939.....	110075	1102847.....	110505	1103152.....	110505
1100790.....	110075	1100943.....	110075	1102850.....	110505	1103154.....	110505
1100791.....	110075	1100944.....	110075	1102861.....	110505	1103158.....	110505
1100793.....	110075	1100951.....	110075	1102866.....	110505	1103159.....	110505
1100794.....	110075	1101104.....	112260	1102867.....	110505	1103160.....	110505
1100795.....	110075	1101105.....	112260	1102871.....	110325	1103162.....	110505
1100796.....	110075	1101155.....	110505	1102875.....	110504	1103165.....	110505
1100797.....	110075	1101156.....	110508	1102876.....	110505	1103166.....	110505
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1100804.....	110075	1101192.....	110505	1102881.....	110505	1103173.....	110505
1100805.....	110075	1101194.....	111713	1102887.....	110505	1103174.....	110505
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1100808.....	110075	1101204.....	110952	1102898.....	110505	1103180.....	110508
1100809.....	110075	1101205.....	111713	1102900.....	110505	1103183.....	110505
1100810.....	110075	1101222.....	110505	1102907.....	110508	1103184.....	110505
1100811.....	110075	1101228.....	110508	1102918.....	110952	1103187.....	110505
1100813.....	110075	1101243.....	110505	1102919.....	110952	1103188.....	110505
1100814.....	110075	1101251.....	112260	1102920.....	110505	1103189.....	110508
1100815.....	110075	1101268.....	110508	1102921.....	110505	1103190.....	110325
1100816.....	110075	1101276.....	110508	1102922.....	110505	1103196.....	110505
1100817.....	110075	1101279.....	110508	1102925.....	110505	1105022.....	110508
1100818.....	110075	1101282.....	110505	1102926.....	110505	1105023.....	110508
1100819.....	110075	1101288.....	112260	1102927.....	110505	1105025.....	110508
1100820.....	110075	1101289.....	112260	1102928.....	110505	1105029.....	110508
1100826.....	110505	1101303.....	110508	1102929.....	110505	1105034.....	110508
1100828.....	110075	1101307.....	110508	1102930.....	110505	1105036.....	110508
1100831.....	110505	1101333.....	110508	1102932.....	110505	1105041.....	110508
1100833.....	110505	1101345.....	110508	1102933.....	110508	1105043.....	110505
1100834.....	110075	1101432.....	113143	1102935.....	110508	1105044.....	110508
1100836.....	110075	1101439.....	111713	1102936.....	110505	1105045.....	110508
1100837.....	110075	1101440.....	111713	1102937.....	110505	1105046.....	110508
1100838.....	110075	1101691.....	113598	1102940.....	110505	1105047.....	110508
1100839.....	110075	1101692.....	113598	1102942.....	110508	1105048.....	110508
1100841.....	110075	1101951.....	113142	1102944.....	110075	1105049.....	110508
1100842.....	110075	1101967.....	113598	1102945.....	110075	1105050.....	110505
1100843.....	110075	1101986.....	113142	1103031.....	110952	1105058.....	110508
1100845.....	110075	1101996.....	113598	1103033.....	110505	1105059.....	110508
1100846.....	110075	1101997.....	113598	1103035.....	110505	1105060.....	110508
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1100849.....	110075	1102188.....	110505	1103040.....	110505	1105066.....	110505
1100851.....	110075	1102210.....	110505	1103046.....	110505	1105068.....	110505
1100856.....	110075	1102228.....	110505	1103050.....	110505	1105069.....	110505
1100857.....	110075	1102287.....	110505	1103053.....	110505	1105070.....	110505
1100860.....	110075	1102311.....	110505	1103054.....	110505	1105072.....	110505
1100866.....	110075	1102329.....	110505	1103055.....	110505	1105073.....	110504
1100870.....	110075	1102337.....	110505	1103069.....	110505	1105074.....	110505
1100871.....	110075	1102344.....	110505	1103071.....	110505	1105075.....	110508
1100875.....	110075	1102345.....	110508	1103072.....	110508	1105076.....	110325
1100878.....	110075	1102349.....	110505	1103075.....	110505	1105079.....	110505
1100879.....	110075	1102355.....	110505	1103078.....	110505	1105080.....	110505
1100880.....	110505	1102356.....	110505	1103079.....	110505	1105081.....	110508
1100883.....	110075	1102358.....	110505	1103097.....	110505	1105082.....	110508
1100885.....	110075	1102359.....	110505	1103098.....	110505	1105083.....	110508
1100886.....	110075	1102361.....	110505	1103099.....	110505	1105084.....	110508
1100888.....	110075	1102362.....	110505	1103101.....	110505	1105091.....	110508
1100889.....	110075	1102363.....	110505	1103104.....	110505	1105092.....	110508
1100891.....	110075	1102364.....	110505	1103109.....	110505	1105098.....	110505
1100892.....	110075	1102370.....	110075	1103116.....	110505	1105160.....	110505
1100893.....	110075	1102375.....	110505	1103118.....	110505	1105161.....	110505
1100895.....	110075	1102382.....	110505	1103123.....	110952	1105162.....	110505
1100896.....	110075	1102384.....	110505	1103124.....	110505	1105163.....	110505
1100905.....	110075	1102394.....	110505	1103125.....	110505	1105164.....	110505
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1100907.....	110075	1102462.....	110505	1103127.....	110505	1105166.....	110505
1100908.....	110075	1102471.....	110505	1103128.....	110505	1105167.....	110505
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1100916.....	110075	1102481.....	110505	1103133.....	110505	1105170.....	110505
1100917.....	110075	1102483.....	110505	1103134.....	110325	1105171.....	110505
1100921.....	110075	1102485.....	110505	1103135.....	110505	1105172.....	110505
1100926.....	110505	1102489.....	110505	1103138.....	110505	1105173.....	110505
1100927.....	110505	1102491.....	110505	1103139.....	110505	1105174.....	110505

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1105175	110505	1105609	111713	1109638	110347	1113536	112243
1105176	110505	1105610	110508	1109642	110347	1113541	112243
1105177	110505	1105611	110508	1109643	110347	1113594	111760
1105178	110505	1105619	110505	1109647	110347	1113597	112268
1105181	110505	1105620	110508	1109649	110347	1113640	111224
1105182	110508	1105621	110508	1109661	110347	1113641	111224
1105183	110508	1105623	110508	1109702	111000	1113644	111224
1105188	110505	1105624	110508	1109704	111000	1113645	112089
1105193	110505	1105627	110508	1109723	111000	1113650	111224
1105244	110505	1105628	110508	1109745	111000	1113651	111224
1105245	110508	1105633	110508	1109755	110347	1113653	111224
1105351	110505	1105634	110508	1109759	110347	1113656	111224
1105357	110505	1105635	110508	1109760	111000	1113672	111224
1105361	110505	1105645	110505	1109762	111000	1113676	111224
1105362	110505	1105647	110508	1109765	111000	1113706	111000
1105363	110505	1105650	110508	1109768	110347	1113707	111000
1105371	110508	1105652	110508	1109771	110347	1113708	111000
1105372	110508	1105653	110508	1109772	110347	1113709	111000
1105418	111713	1105673	110508	1109773	110347	1113710	111000
1105419	110505	1105674	110508	1109774	110347	1113713	111000
1105420	110505	1105675	110508	1109775	110347	1113717	111000
1105421	110505	1105676	110508	1109776	110347	1113726	111000
1105422	110505	1105686	110505	1109777	110347	1113738	111000
1105423	110505	1105691	110508	1109778	110347	1113739	111000
1105424	110505	1105692	110508	1109780	110347	1113741	111000
1105425	110508	1105703	110508	1109782	110347	1113745	111000
1105426	110508	1105704	110508	1109787	110347	1113748	111000
1105427	110505	1105705	110508	1109788	110347	1113749	111000
1105429	110505	1105706	110508	1109789	110347	1113778	111000
1105434	110505	1105707	110508	1109791	110347	1113781	111000
1105460	112260	1105708	110508	1109798	110347	1113783	111000
1105462	112260	1107203	110469	1109831	110999	1113792	111000
1105463	112260	1107209	110491	1109833	110347	1113800	111000
1105464	112260	1107377	110468	1109834	110347	1113809	111000
1105465	112260	1107378	110468	1109836	110347	1113811	110999
1105467	112260	1107540	112268	1109838	110347	1113813	111000
1105469	112260	1107567	110604	1109839	110347	1113814	111000
1105470	112260	1107577	111221	1109840	110347	1113815	111000
1105474	110300	1107580	111041	1109841	110347	1113817	110999
1105475	110300	1107587	110604	1109842	110347	1113818	111000
1105476	110300	1107599	111221	1109845	110347	1113820	111000
1105494	110508	1107655	111260	1109846	110347	1113823	111000
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1105536	111713	1109090	110468	1109986	110347	1113844	111000
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1105538	111713	1109093	110469	1113248	112668	1113846	111000
1105539	111713	1109098	110491	1113271	111221	1113847	111000
1105540	111713	1109222	110347	1113272	113007	1113849	111000
1105555	110508	1109251	111221	1113274	112268	1113850	111000
1105556	110505	1109272	110604	1113275	111041	1113851	111000
1105558	110505	1109285	110347	1113277	111760	1113853	110999
1105559	110505	1109286	110347	1113278	111041	1113855	111000
1105560	111713	1109287	110347	1113279	110604	1113858	111000
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1105594	110508	1109446	111260	1113436	112243	1113880	111000
1105597	110508	1109494	110347	1113479	112243	1113883	111000
1105599	110508	1109550	111041	1113481	112243	1113884	111000
1105600	110508	1109553	110347	1113488	110436	1113885	111000
1105603	110508	1109568	111259	1113494	112243	1113887	111000
1105607	110508	1109631	110347	1113534	112243	1113890	111000
1105608	110508	1109636	110347	1113535	112243	1113892	111000

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) continued							
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1114009.....	112089	1114186.....	112089	1114843.....	110999	1114985.....	112089
1114012.....	112089	1114187.....	112089	1114844.....	111000	1114987.....	111000
1114022.....	112089	1114188.....	112089	1114845.....	110999	1114989.....	110999
1114025.....	112089	1114189.....	112089	1114846.....	111000	1117069.....	110591

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1117611	112989	1990281	110436	1990441	110436	1993901	112243
1117612	112989	1990282	111000	1990443	110436	1993902	112243
1117613	112989	1990283	110999	1990452	110436	1993903	112169
1117615	110801	1990284	110347	1990453	110999	1993909	112243
1117618	112989	1990290	110436	1990455	110999	1993910	112243
1117619	110801	1990297	110999	1990456	111000	1993918	113695
1117620	112989	1990300	110999	1990457	110999	1993924	111000
1117621	112989	1990304	110436	1990458	112089	1993935	110436
1117622	110801	1990306	112089	1990460	111000	1993937	110436
1117623	110801	1990309	111224	1990466	110436	1993938	110436
1117628	112989	1990315	111224	1990468	112089	1993939	110436
1117640	110801	1990318	111224	1990469	110436	1993942	110436
1117641	112989	1990323	112089	1990470	112089	1993943	110436
1117642	110801	1990324	110999	1990471	110436	1993945	110999
1117643	110801	1990325	110436	1990474	110999	1993954	112169
1117644	110801	1990326	111224	1990475	112089	1993961	110436
1117645	110801	1990330	112243	1990476	110436	1993977	112089
1117647	110801	1990332	112243	1990477	112089	1993983	110436
1117648	110591	1990337	112089	1990478	112089	1993986	112256
1117650	110801	1990343	110999	1990480	110436	1993988	111224
1117655	110801	1990344	111000	1990483	112089	1998266	110468
1117891	112996	1990347	113125	1990485	111000	1998267	110468
1117897	112160	1990348	112089	1990487	110436	1998269	110469
1117898	112996	1990349	112089	1990490	112089	1998270	110469
1117900	112160	1990352	112089	1990491	111000	1998274	110491
1117915	112992	1990353	110436	1990492	110436	1998281	110469
1117916	113432	1990354	112089	1990493	111000	1998305	111259
1117924	113432	1990356	110436	1990495	112089	1998313	111260
1117933	113432	1990357	110999	1990496	110436	1998334	110604
1117941	112996	1990358	112089	1990497	110999	1998336	111041
1117943	112996	1990359	110999	1990499	112256	1998338	110604
1117948	113432	1990360	110999	1990703	110436	1998340	112268
1117952	113432	1990361	111000	1990809	110999	1998350	112268
1117961	112996	1990362	110436	1990838	111000	1998357	112268
1118381	233624	1990363	112089	1993700	111000	1998373	112268
1118779	233624	1990364	110999	1993701	112256	1998378	110604
1118997	233624	1990366	110999	1993703	110436	1998383	111041
1118999	233624	1990367	110999	1993704	110999	1998387	111041
1119506	130505	1990368	111000	1993705	111224	1998394	110604
1119507	130505	1990369	110436	1993707	112243	1998409	110604
1119512	130505	1990370	110436	1993712	111224	1998468	112268
1119515	130505	1990372	112089	1993729	112243	1998481	111041
1119519	130505	1990373	110999	1993732	112243	1998484	112268
1119576	233624	1990374	110436	1993741	112256	1998488	111760
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1979857	110508	1990376	112089	1993762	111224	1998576	111049
1979858	110508	1990378	111000	1993767	113125	2191166	111647
1979859	110508	1990379	110436	1993769	111224	3471214	110972
1990202	111000	1990382	111000	1993772	110436	3472050	110972
1990204	110999	1990383	111000	1993775	110436	3472051	111168
1990205	110436	1990384	111000	1993783	110436	3472052	110972
1990219	110436	1990385	110436	1993790	111224	3472066	111168
1990220	110436	1990386	112089	1993795	110436	3472067	110972
1990221	110436	1990387	110436	1993796	110999	3472068	110972
1990224	112089	1990388	111000	1993797	110999	3472208	111168
1990229	110347	1990390	111000	1993799	111224	3493619	111168
1990231	110347	1990394	110436	1993802	111000	3493719	111168
1990235	110347	1990398	112089	1993803	112089	8600479	114271
1990237	110347	1990399	110436	1993804	110999	10436058	110508
1990239	110347	1990400	112089	1993805	111000	10455304	110469
1990248	110347	1990402	110999	1993806	110436	10455340	110469
1990249	110347	1990403	110436	1993807	112089	10455355	110469
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1990262	110347	1990413	110999	1993814	110999	10459007	110591
1990263	110347	1990414	110999	1993815	110999	10459011	110591
1990264	110347	1990416	111000	1993816	112089	10459020	112989
1990266	110347	1990418	111000	1993820	110436	10459026	112160
1990268	110347	1990420	112089	1993831	113695	10459037	112996
1990269	110347	1990422	111000	1993833	110999	10459038	112996
1990270	110347	1990423	112089	1993840	110347	10459040	112996
1990271	110347	1990424	112089	1993842	111000	10459041	112996
1990272	110347	1990425	110436	1993854	113125	10459050	113432
1990273	110347	1990429	110436	1993856	112089	10459051	113432

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) continued							
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10459071	110591	10461645	113429	19010187	112996	19025060	111686
10459076	110591	10463072	112260	19010188	112996	19025063	111180
10459111	112996	10463160	110300	19010191	112996	19025067	110912
10459135	112996	10463655	110508	19010193	112160	19025075	110043
10459148	110591	10465044	111041	19010195	112160	19025330	111833
10459155	112996	10465045	111041	19010196	112996	19025600	110060
10459159	112996	10465046	111041	19010199	112160	19025602	110061
10459175	112996	10465047	110604	19010207	112996	19025787	111035
10459178	112996	10465048	110604	19011189	114271	19025789	111035
10459200	112989	10465295	112268	19011191	114271	15-8345	160250
10459210	112996	10465406	111041	19011192	112160	321-1015	110508
10459261	112160	10465537	113429	19011195	114271	321-603	112260
10459306	112160	10465540	113725	19020307	112160	321-654	110300
10459333	112160	10478803	110436	19020346	112160	321-655	110591
10459353	114271	10478809	110347	19020376	112160	321-660	110801
10459367	112996	10478811	113695	19020382	112160	321-665	110801
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10459510	112996	10478861	111000	19020391	112160	321-667	111713
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10461006	113125	10478879	110347	19024008	110539	321-688	113432
10461011	113125	10478880	110347	19024010	110206	321-697	110591
10461021	110436	10478884	110347	19024013	110207	323-829	110436
10461024	111000	10478911	110347	19024015	110208	323-830	110436
10461025	110999	10478912	110347	19024016	110208	323-840	113125
10461030	111000	10478943	111000	19024024	110512	323-855	110436
10461031	110999	10478946	111000	19024025	110206	323-871	112089
10461032	110436	10478960	113695	19024027	111249	D631	130505
10461033	112089	10478962	110436	19024030	110534	D632	130505
10461034	110436	10478963	112089	19024051	110210	D634	130505
10461038	112089	10478980	111000	19024053	110213	D635	130505
10461039	111224	10478986	111000	19024071	110531	D6353	130505
10461042	112089	10478997	110436	19024099	110208	D646	233624
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10461045	112089	10479052	110436	19024109	110206	DRA0071	110483
10461046	110436	10479104	112089	19024201	110520	DRA0072	110484
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10461051	110436	10479115	110999	19024223	110525	DRA0120	111035
10461052	112089	10479118	110999	19024224	110536	DRA0120	111180
10461053	112089	10479175	112243	19024226	110523	DRA0130	110641
10461054	111000	10479196	112243	19024230	110529	DRA0140	110641
10461057	110347	10479252	111000	19024231	110521	DRA0140	111662
10461067	112089	10479264	110999	19024232	110518	DRA0150	112098
10461068	111000	10479607	112268	19024234	110523	DRA0160	112098
10461075	112089	10479616	111760	19024235	110536	DRA0170	112098
10461076	112089	10479617	113452	19024238	110530	DRA0186	113742
10461077	112089	10479622	111760	19024242	110517	DRA0190	111141
10461107	110999	10479623	111760	19024250	111001	DRA0262	113529
10461114	112089	10479850	110508	19024252	110536	DRA0263	113961
10461125	110347	10479924	111713	19024253	110522	DRA0264	113763
10461126	112089	10479925	111713	19024255	110814	DRA0329	110801
10461127	112089	10479926	111713	19024256	110518	DRA0334	110801
10461128	111000	10479927	111713	19024257	111752	DRA0337	114218
10461136	110999	10479929	111713	19024272	110529	DRA0347	113856
10461178	112089	10479930	111713	19024273	110521	DRA0408	112492
10461179	111000	10480058	110505	19024550	110512	DRA0610	110360
10461184	111000	10495425	110508	19024553	110207	DRA0700	112310
10461185	112089	10495426	110508	19024554	111249	DRA0710	110975
10461259	111000	10495427	110508	19024555	110208	DRA0730	112310
10461277	111000	10495429	110508	19024556	110512	DRA0740	110360
10461278	111000	10497083	111713	19024561	110537	DRA0750	112098
10461283	111760	10497177	112260	19024562	110537	DRA0760	111289
10461303	111224	10497425	110508	19024565	111217	DRA0770	110969
10461357	110999	19010000	110591	19024566	111217	DRA0770	111184
10461402	113695	19010002	110591	19024576	110208	DRA0770	111289
10461405	113695	19010008	110591	19024578	110601	DRA0780	110969
10461444	113007	19010024	110591	19024813	110523	DRA0780	111289
10461446	111041	19010104	112996	19024815	110551	DRA0790	110968
10461447	111041	19010108	112160	19024817	110565	DRA0790	111289
10461448	110604	19010111	112160	19024821	110819	DRA0790	113574
10461449	110604	19010116	112996	19024824	110536	DRA0800	110179
10461463	112268	19010145	112996	19025037	110611	DRA0830	112098
10461465	111760	19010147	112996	19025042	111180	DRA0834	114379
10461466	113452	19010148	112160	19025044	112097	DRA0850	110077
10461468	111760	19010150	112996	19025046	110890	DRA0900	110972
10461469	111760	19010156	113432	19025049	110912	DRA0900	111168
10461483	112668	19010170	112996	19025051	111035	DRA0920	110972

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA0920	111168	DRA3294	110770	DRA6800	113632	DRS1490	110206
DRA0923	111168	DRA3294	110968	DRA6820	112529	DRS1490	110210
DRA0930	110972	DRA3294	111355	DRA6930	110360	DRS1510	110210
DRA0930	111168	DRA3294	112238	DRA7271	110620	DRS1530	110537
DRA0933	111168	DRA3294	112722	DRA7271	111048	DRS1540	110537
DRA0940	111035	DRA3310	110968	DRA7340	112194	DRS1550	110512
DRA0970	110890	DRA3310	111289	DRA7380	112194	DRS1550	110601
DRA0970	111686	DRA3320	110105	DRA7450	110105	DRS1570	110206
DRA0980	110890	DRA3330	110766	DRA7450	113632	DRS1951	110521
DRA0980	110912	DRA3386	110448	DRA7890	110881	DRS1981	110421
DRA1030	110975	DRA3433	112718	DRA7990	112194	DRS2420	111755
DRA1050	110178	DRA3433N	112718	DRA8160	111369	DRS2670	110529
DRA1050	111289	DRA3434	111740	DRA8170	112529	DRS2670	110813
DRA1060	110975	DRA3435	111185	DRA8290	111833	DRS2670	113381
DRA1080	110968	DRA3435	111204	DRA8351	112113	DRS2680	112135
DRA1100	110360	DRA3443	111042	DRA9711	110968	DRS2710	110530
DRA1250	110043	DRA3445	113632	DRA9800	112098	DRS2720	110522
DRA1251	110043	DRA3453	110620	DRA9810	113531	DRS2740	110208
DRA1260	110766	DRA3458	110970	DRB0280	111843	DRS2831	110182
DRA1262	110766	DRA3458	111948	DRB0290	111888	DRS2881	110421
DRA1270	112098	DRA3459	110107	DRB1060	112196	DRS2970	110531
DRA1272	112098	DRA3463	111948	DRB1640	111833	DRS2990	110530
DRA1300	111141	DRA3464	110770	DRB1840	112046	DRS3068	111103
DRA1320	110117	DRA3530	113611	DRB1940	112097	DRS3100	110844
DRA1320	110766	DRA3540	110766	DRB3130	112196	DRS3133	110940
DRA1330	112736	DRA3546	111184	DRB6000	112529	DRS3144	111683
DRA1340	112097	DRA3547	110968	DRB6030	112062	DRS3196	110462
DRA1350	111289	DRA3548	111184	DRS0008	111087	DRS3197	110462
DRA1350	111362	DRA3549	111948	DRS0024	110813	DRS3218	110412
DRA1360	110971	DRA3554	110968	DRS0025	110522	DRS3224	110421
DRA1360	112098	DRA3556	110178	DRS0067	112442	DRS3225	110245
DRA1380	110178	DRA3556	110968	DRS0152	113478	DRS3228	110940
DRA1380	110968	DRA3559	110969	DRS0202	112177	DRS3229	110447
DRA1380	111185	DRA3563	111184	DRS0259	110436	DRS3233	110356
DRA1380	111289	DRA3575	110179	DRS0267	114002	DRS3245	111683
DRA1410	112768	DRA3575	110969	DRS0271	113532	DRS3260	110208
DRA1440	110875	DRA3576	110482	DRS0640	110868	DRS3264	110818
DRA1450	110761	DRA3654	110968	DRS0950	110461	DRS3264	111499
DRA1470	110360	DRA3654	111204	DRS0950N	110461	DRS3286	110439
DRA1500	110975	DRA3667	112722	DRS0960	110536	DRS3287	110460
DRA1671	110975	DRA3677	113763	DRS0980	110520	DRS3287	110565
DRA1680	110178	DRA3686	112194	DRS0990	110536	DRS3287	111346
DRA1680	110179	DRA3786	111296	DRS1000	110775	DRS3289	110615
DRA1680	110969	DRA3830	110770	DRS1020	111332	DRS3294	110449
DRA1680	111184	DRA3830	111289	DRS1060	110520	DRS3294	111024
DRA1691	110178	DRA3830	111356	DRS1060	110536	DRS3320	110539
DRA1691	110179	DRA3836	112718	DRS1060	110615	DRS3325	110530
DRA1691	111185	DRA3837	111740	DRS1060	110814	DRS3326	111001
DRA1691	111204	DRA3840	111528	DRS1060	111737	DRS3327	111098
DRA2101	110611	DRA3841	113477	DRS1130	111752	DRS3333	110462
DRA2111	112097	DRA3880	110882	DRS1140	110536	DRS3336	110443
DRA2121	110890	DRA3880	112768	DRS1140	112660	DRS3337	112136
DRA2301	111289	DRA3890	110912	DRS1143	110536	DRS3396	110438
DRA2341	111035	DRA3890	112768	DRS1150	110439	DRS3405	110640
DRA2710	112742	DRA3940	113574	DRS1160	110517	DRS3405	113381
DRA2930	110881	DRA4059	111716	DRS1180	113467	DRS3425	110464
DRA2940	110881	DRA4063	111940	DRS1190	112249	DRS3426	111574
DRA2960	110881	DRA4180	110107	DRS1200	110439	DRS3427	110819
DRA3013	110178	DRA4200	111289	DRS1200	110536	DRS3428	110462
DRA3013	110968	DRA4209	110107	DRS1210	111332	DRS3430	110213
DRA3013	111289	DRA4209	111948	DRS1220	110529	DRS3447	110460
DRA3013	113474	DRA4213	113949	DRS1220	110640	DRS3456	111573
DRA3015	111184	DRA4260	111141	DRS1240	110525	DRS3458	110817
DRA3015	111185	DRA4420	111419	DRS1240	113482	DRS3463	110460
DRA3015	111289	DRA4430	112747	DRS1270	110523	DRS3480	110525
DRA3028	110969	DRA4940	113611	DRS1280	112132	DRS3518	111760
DRA3070	113469	DRA5630	111686	DRS1310	110517	DRS3620	110522
DRA3090	113611	DRA5760	110882	DRS1310	110521	DRS3627	111103
DRA3127	110445	DRA6010	110770	DRS1321	110521	DRS3680	110536
DRA3128	111215	DRA6010	111289	DRS1330	110518	DRS3688	111300
DRA3220	111289	DRA6010	111362	DRS1330	110520	DRS3690	110545
DRA3250	111035	DRA6020	111289	DRS1351	110520	DRS3696	111332
DRA3250N	111035	DRA6060	111356	DRS1370N	112132	DRS3703	110552
DRA3274	111289	DRA6110	111289	DRS1400	110537	DRS3730	110206
DRA3274	111356	DRA6230	112768	DRS1410	110512	DRS3789	110461
DRA3284	111620	DRA6641	110620	DRS1420	110512	DRS3796	110442
DRA3286	112238	DRA6651	111035	DRS1440	110531	DRS3818	112442
DRA3287	112238	DRA6750	111620	DRS1450	110207	DRS3850	110640
DRA3289	111363	DRA6750	111686	DRS1460	110534	DRS3947	111885

AGRICULTURAL MACHINERY

O.E.M. names and numbers are used for reference purposes only.

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) continued							
DRS3954	114388	5000789048	110512	YLE10011	110770	90.104-011	170976
DRS4730	111755	5000808251	110512	YLE10025	112238	90.111-001	171258
DRS4740	111755	5000811448	110347	YLE10065	112722	90.111-011	171259
DRS4780	110512	5000822346	110206	YLE10066	110770	90.131-001	170989
DRS4850	113482	5001000061	110206	YLE10067	111355	90.131-081	170944
DRS4890	112172	5001014166	112113	YLE10099	113763	90.199-001	171264
DRS4900	111911	5001014203	110512	YLE10118	113763	90.199-011	171265
DRS4910	110206	5001014215	110512	YLE101560	112238	95.009-061	171266
DRS4910	110207	5001833946	112113	YLE101570	111355	95009-061	171266
DRS5040	112660	5010050717	112113	YLE101580	111355		
DRS5420	112041	5010142367	112113	YLE101640	111289		
DRS6520	110210	5010142768	112113			SCANIA	
DRS6550	112555	5010149022	112113			279698	110043
DRS7110	111911	5010217215	110207	SAW		279699	110043
DRS7280	111752	5010235982	112113	10.115-171	171167	326353	110043
DRS7290	112135	6000100325	110641	10.115-411	170851	571500	110043
DRS7310	112039	6000102270	110536	10.185-021	171168	571501	110043
DRS7430	111855	6000102394	110536	10.190-011	170857	571503	110043
DRS7510	112074	6000130300	110641	14.115-011	170865	4395612	070203
DRS8110	111015	6005001146	110536	14.129-011	170867		
DRS9000	110206	6005003145	110178	20.017-001	171171	SEAT → VOLKSWAGEN	
DRS9020	112071	6005003149	110641	20.017-041	171173		
DRS9020	112555	6005003152	111332	20.017-181	171175	SIEMENS	
DRS9040	111015	6005003153	111332	20.022-001	171178	5WK1636	160297
DRZ0100	110325	6005003154	110565	20.022-011	171179	5WK1640	160297
DRZ0100	110504	6005003155	110536	20.022-021	171180	PM3511	160250
DRZ0100	110505	6005003156	110536	20.024-001	170875		
DRZ0102	110075	6005003763	110641	20.026-001	171181	SJCE	
DRZ0104	110170	6005007548	110819	20.026-021	171182	3M0110/10	111645
DRZ0111	112260	6005007750	110178	20.026-031	171183	3PN0001	112339
DRZ0115	110300	6005011729	111332	20.104-031	170880	3PN0001/3	111646
DRZ0116	110325	6005012976	111755	20.104-041	170881	MO101/10	111645
DRZ0118	110427	6005016395	110536	20.196-001	170884	PN0001	112339
DRZ0129	110504	6005700082	110819	20.196-021	170885	PN001/3	111646
DRZ0129	110505	6005700083	110178	20.196-031	170886		
DRZ0130	110505	6005700084	110641	20.196-041	170887	SPAL	
DRZ0131	110505	6005701121	111289	21.008-041	171191	005-A45-02	160510
DRZ0131	110508	6005701125	111332	21.010-041	171192	006-A46-22	160647
DRZ0132	110591	7700004148	110641	21.010-051	171193	006-A54-22	160511
DRZ0142	110801	7700010614	110178	21.010-101	171194	006-B40-22	160557
DRZ0143	110952	7700012723	110641	21.010-111	171195	006-B40-22/4	160878
DRZ0182	110508	7700017032	110178	21.010-121	171328	006-B50-22	160512
DRZ0191	112996	7700026780	111332	21.010-131	171329	008-A100-93D	160593
DRZ0208	110504	7700045291	112442	21.017-121	171196	008-A45-02	160483
DRZ0208	110505	7700046893	111332	21.026-011	171197	008-B45-02	160649
DRZ0209	110801	7700047132	113532	21.093-021	171202	009-A22-26D	160592
DRZ0210	110801	7700061622	113532	21.111-001	171203	009-A70-74D	160592
DRZ5104	110347	7700066115	113532	21.111-011	171204	009-B40-22	160594
DRZ5104	110999	7700068173	114050	21.131-001	170943	010-A70-74D	160639
DRZ5104	111000	7700072251	113532	21.199-001	171213	010-B70-74D	160596
DRZ5105	111000	7700501670	111332	21.199-011	171214	VA01-BP70/LL-36A	160584
DRZ5111	110347	7700519797	111332	22.026-171	171215	VA01-BP70/LL-36S	160908
DRZ5115	110347	7700525064	111332	22.028-091	170925	VA04-AP70/LL-37A	160885
DRZ5115	110999	7700525547	111332	22.093-041	171216	VA04-AP70/LL-37S	160912
DRZ5115	111000	7700590793	160316	22.111-001	171217	VA07-AP12/C-31A	160537
DRZ5117	110604	7700627394	111332	22.111-011	171218	VA07-AP12/C-58A	160537
DRZ5119	110347	7700665435	110641	22.111-041	171217	VA07-AP12/C-58S	160910
DRZ5119	110999	7701013039	110551	22.130-001	171006	VA07-AP7/C-31A	160537
DRZ5122	110468	7701015006	110766	22.131-011	170927	VA07-AP8/C-58A	160537
DRZ5123	110469	7701028780	110819	23.030-051	170928	VA07-BP12/C-58A	160799
DRZ5128	110491	7701028801	110178	23.033-001	170929	VA07-BP12/C-58S	160597
DRZ5133	111221	7701030289	110819	23.056-011	170930	VA07-BP7/C-31A	160906
DRZ5144	110347	7701044974	080940	23.093-001	171219	VA07-BP7/C-31S	160588
DRZ5166	110999	7701045695	080942	23.191-001	171220	VA08-AP51/C-23A	160914
DRZ5167	111000	7701045786	080994	24.030-051	170932	VA08-AP51/C-23S	160915
DRZ5168	111760			24.033-001	170934	VA08-BP51/C-23A	160909
DRZ5175	110436	ROMANIA (E/P)		24.033-031	171222	VA09-AP12/C-27A	160598
DRZ5175	112089	2130	110640	24.056-001	170935	VA09-AP12/C-27S	160601
DRZ5188	113695	DM1130	110639	24.056-011	170935	VA09-AP12/C-54S	160601
DRZ5189	110347	DM1132	110639	25.011-021	171224	VA09-AP8/C-27A	160598
		DM2120	110640	25.012-011	170936	VA09-AP8/C-27S	160601
		DM2130	110640	25.087-001	171225	VA09-BP12/C-27A	160599
		DM2134	110640	80.091-001	171228	VA09-BP12/C-27S	160600
		DM2138	110529	80.143-021	171233	VA09-BP12/C-54A	160599
		DM91134	110639	90.008-101	171236	VA09-BP12/C-54S	160600
RENAULT				90.010-031	171237	VA09-BP50/C-27A	160599
0855787900	112039	ROVER GROUP		90.010-051	171237	VA09-BP50/C-27S	160600
5000049122	110210	GEU2255	111356	90.017-081	171242	VA09-BP8/C-27A	160599
5000080750	110512	GNU2393	112238	90.093-011	171253	VA09-BP8/C-27S	160600
5000241777	110210			90.104-001	170975		
5000270909	110208						
5000592182	110512						
5000785941	110043						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VA10-AP10/C-61A	160538	SYNCHRO-START		32468A	112564	ALT-T158	114365
VA10-AP10/C-61S	160536	150212C3U1B1S1A	090160	32468B	112564	P-06212	135403
VA10-AP9/C-25A	160538	150212C7U2B2S7	090224	34949A	234122	P-06512	135404
VA10-AP9/C-25S	160536	150224C3U1B1S2A	090161	35765A	112564	SNLS-001	231527
VA10-BP10/C-61A	160584	1502ES12C3U1B2S1	090109	THERMO KING		SNLS-001A	231527
VA10-BP50/C-25A	160584	1502ES24C3U1B2S2	090110	25-35458-00	110246	SNLS-002	231526
VA10-BP50/C-61S	160737	1503ES-12A5SUC9SCC28	090268	25-35465-00	110246	SNLS-004	231525
VA10-BP9/C-25A	160584	1503ES12A5UC5S	090216	3041C58G01	112249	SNLS-005	234071
VA11-AP7/C-29A	160539	1503ES12A5UC9S	090373	44-5674	111683	SNLS-006	234072
VA11-AP7/C-57A	160539	1503ES12S5UC5S	090228	45-220	112249	SNLS-007	234073
VA11-AP7/C-57S	160911	1503ES24A5UC5S	090402	45-267	112249	STR-1002	110635
VA11-AP8/C-57A	160539	175124A2U1BS1A	090297	45-338	112249	STR-1006	112242
VA11-BP12/C-57A	160587	200112E3U1B2S2	090168	45-5657	111683	STR-1053	110510
VA11-BP12/C-57S	160714	200124E3U1B2S2	090169	46-2663	112249	STR-1058	111012
VA11-BP7/C-29A	160587	2001ES12E3U1B2S2	090111	TOYOTA		STR-1070	110949
VA15-BP70/LL-39A	160907	2001ES24E3U1B2S2	090113	27060-78001-71	110620	STR-23801	114437
VA18-BP10/C-41S	160595	SA3405T	090224	27060-96001	110620	STR-2382	110208
VA18-BP51/C-41S	160595	SA-3742-12	090095	28100-12012	110421	STR-2387	110512
VA18-BP70/LL-41A	160777	SA-3742-24	090099	28100-12030	110421	STR-3803	113680
VA18-BP70/LL-41S	160595	SA-3765-12	090097	28100-12040	110421	STR-4207	112089
VA18-BP70/LL-86A	160777	SA-3765-24	090101	28100-22010	110421	STR-4209	112089
VA18-BP70/LL-86S	160595	SA-3776T	090216	28100-22011	110421	STR-4340	113695
VA34-AP70/LL-36A	160739	SA-3799-12	090096	28100-22012	110421	STR-4341	112169
VA34-AP70/LL-36S	160913	SA-3799-24	090100	28100-22020	110421	STR-5001	111683
VA34-BP70/LL-36S	160619	SA-3800-12	090098	28100-22021	110421	STR-6090	113725
SKODA → VOLKSWAGEN		SA-3800-24	090102	28100-22022	110421	STR-7007	111300
SSANG YONG		SA-3991-12	090334	28100-22022	110421	STR-7072	111221
0091543002	112529	SA-3999-12	090104	28100-87803	113208	STR-7158	111760
STANADYNE		SA-3999-24	090106	90987-02001	160480	STR-8018	110182
ST26214	080873	SA-4014-12	090103	90987-02004	160480	STR-8110	110447
ST26387	080926	SA-4014-24	090105	90999-99089	160480	STR-8111	110940
STEYR → MERCEDES BENZ		SA-4026-12	090107	TRANSPO		STR-8276	112546
STRIBEL		SA-4026-24	090108	BR1546	234170	STR-B015	111855
898211	160466	SA-4180-12	090199	BR3219	234167	WB-1011S	160628
899626	160337	SA-4182-24	090200	BR4890	230149	WB-1013S	160633
899627	160308	SA-4228	090226	BR7809	234171	WB-1014S	160635
899628	160308	SA-4561T	090373	D13702	130505	WB-1015S	160638
899744	160308	SA-4562T	090228	D9212	130505	WB-1016S	160641
899747	160337	SA-4564-12	090206	D9212-1	130505	WB-1017S	160643
899784	160337	SA-4567T	090402	D9212-1-B32	130505	WB-1018S	160645
899798	160337	SA-4569-T	090216	D9212S	130505	WB-1019S	160648
899839	160337	SA4646-24	090267	D9212S-1	130505	WB-1020S	160650
899932	160394	SA-4668-S	090268	IB390	130032	WB-1021S	160653
899957	160394	SA-4744-12	090368	IL1292	130883	WB-1022S	160655
SUZUKI		SA-4817-12	090206	IL1292	130884	WB-1024S	160661
163547	160311	SA-4850	090228	IL2210	130041	WB-1816S	160741
15100-85501	070213	SA-4899-12	090370	IL2214	130040	WB-1818S	160745
31100-73010	110421	SA-4899-24	090371	RE006	191752	WB-1819S	160748
31100-73030	110421	SA-4920-12	090206	RE007	191026	WB-1820S	160750
31100-73071	110421	SA-4921	090228	RE20N24A	160307	WB-1821S	160753
31100-73090	110421	SA-4934-12	090225	RE20N24D	160215	WB-1822S	160755
38610-85C00	160315	SA-5019	090268	RE30N12A	160282	WB-1824S	160761
SWF		SA-5157	090268	RE30N12B	160265	WB-1826S	160766
402227	160031	SA-5171	090160	RE30N12C	160083	WB-1828S	160771
402229	160033	SA-5174-12	090111	VR13915	233624	UNITED TECHNOLOGIES	
402230	160032	SA-5174-24	090113	TYCO		0599440	110510
402231	160034	SAAB		925176	170799	1146340	110510
611012	160316	4069985	160791	0-1414168-0	160394	1250740	110510
611013	160317	4395612	070203	925306-2	170619	1574540	111701
611100	160242	8512311	113474	UNIPOINT		1653340	110510
611101	160244	8530446	113474	ALT-1024	110504	1770540	110949
611102	160243	8545543	113474	ALT-2122	112170	1801940	135400
611107	160305	8553463	160749	ALT-4028A	114360	4509809	110510
611108	160305	8593477	160197	ALT-4036	110497	5174740	112546
611111	160315	9506379	160197	ALT-4040	111686	5665940	111701
611112	160315	TARASOV WORKS		ALT-4041	112097	5666140	110510
611114	160262	24.3708	111350	ALT-5024	113401	5666740	111701
611115	160199	TECUMSEH		ALT-5300	111048	7017540	135400
611116	160315	32468	112564	ALT-5302	111048	0255740DV30SM	135403
		33432	234120	ALT-5303	111048	0599440-M030SM	110510
		33835	112313	ALT-5304	111048	0815440DV30SM	135402
		33844	234121	ALT-5305	110620	1146340-M030SM	110510
		35765	112564	ALT-5306	110620	1250740-M030SM	110510
		334323	234120	ALT-T145	111833	1570140M030SM	110510
						1574440M030SM	110510
						1574540M030SM	111701
						1635323-M030SM	110510
						1635340-M030SM	110510

AGRICULTURAL MACHINERY

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
UNITED TECHNOLOGIES continued							
1637540DV30SM	135401	SM56659	111701	433359	110179	436169	111185
177054030SM	110949	SM56661	110510	433404	110975	436169	111289
1801940DV30SM	135400	SM56662	110949	433476	110641	436175	110178
1819040MO30SM	110949	SM56663	112568	433485	110179	436179	110178
1819140MO30SM	112568	SM56664	112831	433485	110969	436179	110770
1820040DV30SM	135408	SM56666	111012	433485	111184	436179	111289
2034640DV30SM	135404	SM56670	112150	433486	112238	436179	111362
2134940MO30SM	112831	SME12A11	110510	434005	110766	436180	111289
4367240MO30SM	113015	SME12A8	110510	434016	111833	436181	110968
4379040MO30SM	113015	SMH12A102	110510	434017	112046	436181	111289
4419240DV30SM	135406	SMH12A2	110510	434027	111833	436181	111362
4509809S030SM	110510	SMH12A201	110510	436010	110868	436189	110975
4733040MO30SM	114075	SMH12A202	110510	436037	110814	436194	110360
4733040MO30SM	111012	SMH12A4	110510	436041	110844	436208	110975
4733840DV30SM	135409	SMH12C1	111701	436044	110522	436211	113611
4787140DV30SM	135402			436070	111755	436215	110360
5213140MO30SM	110949	UNIVERSAL		436072	110442	436235	110882
5213240MO30SM	112831	090109	090109	436072	112660	436236	111035
5239740MO30SM	112150	090110	090110	436073	110529	436237	110882
5278440MO30SM	112150	090111	090111	436073	110813	436237	110890
5665920MO30SM	111701	090113	090113	436074	110529	436237	111686
5665940MO30SM	111701	090115	090115	436074	110813	436239	111620
5666120MO30SM	110510	090116	090116	436075	112135	436239	111686
5666120MO30SM	110510	090160	090160	436076	110818	436241	110912
5666140MO30SM	110510	090161	090161	436077	110536	436241	111620
5666220MO30SM	110949	090168	090168	436077	111752	436243	111620
5666240MO30SM	110949	090169	090169	436100	110975	436263	110970
5666320MO30SM	112568	090199	090199	436105	110882	436263	111948
5666340MO30SM	112568	090200	090200	436105	110890	436264	110107
5666420MO30SM	112831	090210	090210	436105	111686	436264	111649
5666440MO30SM	112831	090224	090224	436109	110899	436264	111948
5666620MO30SM	111012	090226	090226	436109	111180	436265	110641
5666640MO30SM	111012	090297	090297	436111	110890	436266	111662
56666420MO30SM	112831	090317	090317	436111	110912	436266	112098
5666740MO30SM	111701	090318	090318	436112	110611	436267	110105
5667040MO30SM	112150	090348	090348	436112	110882	436267	111649
5667140MO30SM	113017	090370	090370	436112	110890	436269	111662
5695340KT30SM	135409	090371	090371	436112	110912	436269	112098
5695KT30SM	135409	231525	231525	436112	112768	436272	112736
6024140GE30SM	230399	231526	231526	436113	110611	436273	111355
6727040MO30SM	113017	231527	231527	436113	110912	436287	110971
6734620MO30SM	112150	234070	234070	436113	111035	436294	110107
7010440DV30SM	135402	234071	234071	436113	112768	436297	111686
7017540DV30SM	135400	234072	234072	436114	111035	436351	112113
9G4338	110999	234073	234073	436117	111035	436355	110043
DV02557	135403			436121	110875	436376	112183
DV08154	135402	VALEO		436121	112098	436414	112098
DV16375	135401	03283	160337	436127	110875	436416	111419
DV18019	135400	03501	160358	436127	111649	436416	112097
DV18200	135408	03523	160337	436127	112098	436417	111419
DV20346	135404	03601	160282	436130	112310	436418	112747
DV44192	135406	03608	160311	436137	110975	436419	110766
DV47338	135409	076571	110512	436140	110178	436420	110117
DV47871	135402	102052	112113	436140	110968	436420	110766
DV551067	135409	168590	171098	436140	111185	436424	110761
DV551067A	135409	180620	113477	436140	111204	436425	111141
DV551067AS	135409	187031	113478	436144	110968	436426	111141
DV551068A	135411	432567	110819	436144	111184	436427	110761
DV551092A	135410	432569	111332	436144	111185	436430	111141
DV551092AS	135410	432570	110819	436145	111289	436436	110043
DV70104	135402	432571	110819	436148	110972	436437	113477
DV70175	135400	432572	111332	436148	111168	436438	111528
SM05994	110510	432825	111289	436153	110077	436438	113477
SM11463	110510	432836	111289	436160	111168	436450	112529
SM12507	110510	432868	111686	436161	110972	436451	111369
SM15701	110510	432973	110178	436161	111168	436455	110043
SM15745	111701	432984	111948	436166	110178	436479	111948
SM16353	110510	432989	112098	436166	110179	436497	111048
SM17705	110949	433115	111035	436166	110969	436531	110969
SM18190	110949	433117	110912	436166	111289	436567	112742
SM18191	112568	433118	111035	436167	110178	436578	111141
SM21349	112831	433292	110461	436167	110179	436585	113611
SM43672	113015	433293	110530	436167	110968	436586	110882
SM43790	113015	433295	110775	436167	111184	436663	112113
SM47330	111012	433311	110640	436167	111185	436667	111369
SM50497	110510	433314	111332	436167	111204	436687	111289
SM52132	112831	433315	111332	436167	111289	436687	111362
SM52397	112150	433316	110565	436169	110179	436692	110770
SM52784	112150	433318	110536	436169	111184	436695	113474

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
436699	111356	2541233	110912	A14N110M	112113	VA104	110968
436707	112113	2541234	110912	A14N112M	113477	VA104	111289
436715	111940	2541235	111035	A14N114	112113	VA104	111362
436716	111716	2541236	111035	A14N114T	112113	VA104	113574
436717	111940	2541290	111355	A14N115M	112113	VA105	110968
436718	112529	2541341	111168	A14N116M	112113	VA105	111185
436726	110972	2541400	111355	A14N119M	113477	VA106	110770
437125	111369	2541403	112113	A14N137M	113477	VA106	111362
437126	112529	2541423	111419	A14N177M	112113	VA107	110179
437379	111362	2541659	112183	A14N196M	112113	VA107	110969
437381	111289	2541712	111940	A14N198M	112113	VA107	111184
437499	112529	2541713	111716	A14N30M	112113	VA110	110770
437587	112529	2541714	111940	A14N47M	113477	VA111	110178
437675	112194	2541775	112529	A14N81M	113477	VA111	110179
437701	112196	2541776	111369	D11E118	113269	VA111	110968
437813	111620	2541778	112113	D11E120	111332	VA111	111184
437849	112194	2541838	112529	D11E131	111332	VA111	111185
438035	110206	2541839	111369	D11E137	110565	VA111	111204
438041	110210	2541911	111369	D11E141	110439	VA111	111289
438042	110213	2541919	112529	D11E146	113269	VA112	110178
439095	111369	2541920	111369	D11E154	110565	VA112	111185
439098	111716	2541959	112529	D11E155	110439	VA112	111289
439099	111940	2541960	111369	D11E158	111332	VA115	110972
439244	111369	2541992	111369	D11E15H	110565	VA115	111168
439245	112529	2565994	111686	D11E35	110818	VA116	110972
439530	112529	2565995	111686	D11E59	110818	VA116	111168
439555	112194	2926300	111362	D11E84	110439	VA117	110360
440134	112097	2927070	111289	D13E63	110512	VA119	111289
455504	110512	2927990	110077	D13E63T	110512	VA121	110179
455505	110512	2928610	111948	D13E69	110512	VA121	110969
455507	113269	2929510	111686	D13E69T	110512	VA122	113474
455516	110523	2929780	111289	D13E81	110512	VA123	110360
455517	110517	2939520	112097	D13E81T	110512	VA128	110975
455517	110521	2940772	111948	D6RA22	111015	VA132	110890
455518	110518	2940981	111289	D6RA52	111015	VA132	110968
455520	110517	2950220	111289	D7R14	113478	VA135	112238
455521	110520	2950500	110890	M40237	110245	VA138	112310
455523	110213	2950700	111948	MG117559	110245	VA140	111355
455527	110525	2960120	110117	MG120559	110245	VA140	112238
455530	110206	2960150	110766	NA014	110969	VA147	111948
455530	110210	29409930	110178	NA028	111362	VA151	110360
455531	110206	2105473B	111528	NA036	111289	VA155	110975
455536	110520	21EA00050	111647	NA058	111948	VA155	112098
455539	110207	2541775A	112529	NA065	111185	VA159	110972
455540	110207	2541775B	112529	NA066	113574	VA159	111168
455615	110512	2541776B	111369	NA118	111948	VA162	110890
455621	110525	2541838A	112529	NA128	110360	VA165	110969
455623	110206	2541839A	111369	NA135	112097	VA166	111035
455634	111015	534054D	110484	NA181	112097	VA172	110971
455669	110522	9AR2566	111948	NA214	110912	VA174	110968
455671	111911	9AR2699	110968	NA216	111686	VA174	111204
455677	112172	9AR2725	110107	NA284	111180	VA175	110178
455735	113478	9AR2786	111948	NA363	113477	VA175	110179
455925	111683	A13E23	110912	NA380	111035	VA175	110969
455926	110512	A13E25	111035	NA386	111419	VA175	111184
458209	110206	A13E26	111035	NA426	112113	VA175	111289
458340	110208	A13N165	112183	NA444	112529	VA182	111362
458460	111911	A13N214	111168	NA445	111369	VA186	110975
510391	112097	A13N255	112183	NA504	111369	VA191	111289
510426	110766	A13N274	111940	NA510	112113	VA196	111180
523158	111141	A13N275	111716	NA511	111141	VA199	111289
523159	111141	A13N276	111940	ND079	110439	VA200	110077
592601	113477	A13R182	110801	ND140	111015	VA203	111035
592786	112113	A13R214	110043	TA000A58101	114219	VA207	110890
594085	111015	A13VI100	111369	TM000A07101	110245	VA212	111289
726032	111911	A13VI134	112529	VA100	110178	VA246	110968
2180620	111528	A13VI135	111369	VA100	110968	VA248	111362
2181761	112113	A13VI169	111369	VA100	111185	VA274	110975
2181762	112113	A13VI170	111369	VA101	110179	VA300	111620
2181991	113477	A13VI175	112529	VA101	110969	VA300	111686
2325158	111141	A13VI176	111369	VA102	110178	VA301	110611
2518051	111948	A13VI197	112529	VA102	110770	VA301	110882
2523162	110766	A13VI198	111369	VA102	110968	VA301	110890
2523234	110178	A13VI220	111369	VA102	111185	VA301	110912
2541130	111948	A13VI243	113961	VA102	111289	VA301	111620
2541131	111948	A13VI99	112529	VA102	111362	VA301	112768
2541133	112183	A14N100	113477	VA103	110969	VA306	110882
2541148	111948	A14N100M	113477	VA103	111289	VA309	111356
2541168	113477	A14N110	112113	VA104	110770	VA381	110107

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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO continued							
VA391	111369	036903023L	110360	6601769	110537	1-1734-21DR	110508
VA392	112529	036903023N	110360	6643669	111217	1-1734-23DR	110508
VA98	110178	036903023NX	110360	6643899	110537	1-1734-24DR	110508
VA99	110179	036903023X	110360	6779713	112742	1-1734-25DR	110508
VA99	110969	049903015H	112747	6820812	160734	1-1734-40DR	110508
VS109	111103	052903017X	110360	7240524	111217	1-1734-41DR	110508
VS128	110461	068903017A	110360	8034993	110060	1-1734-44DR	110508
VS141	110868	068903023B	110360	8113910	112742	1-1734-46DR	110508
VS173	110844	068903023L	110360	9033313	110766	1-1734-47DR	110508
VS173	113269	068903025Q	110360	11030906	110208	1-1734-48DR	110508
VS177	110868	069911023F	111855	11031126	110207	1-1734-49DR	110508
VS194	110512	191951113B	160658	11110030	090267	1-1737-11DR	110508
VS201	113574	191951113D	160658	20553711	110207	1-1737-12DR	110508
VS224	110421	1H0951113A	160658	30777404	080209	1-1737-13DR	110508
VS249	111911	1H0951113C	160658	85000438	110208	1-1737-14DR	110508
VS251	110522	1H6955651	160378	85000439	110207	1-1737-16DR	110508
VS302	110814	1J5955651	160379	85000450	110208	1-1737-21DR	110508
W962011T	160511	1J6955651	160683	85000711	112742	1-1737-23DR	110508
		251965561B	070192			1-1737-24DR	110508
		2D0955651A	160197			1-1737-25DR	110508
VALMET		321955531A	160749	VTZ - VLADIMIRSKY TRACTORS		1-1737-27DR	110508
83646400	113901	3B0951221	160712	273708	113431	1-1737-28DR	110508
83646500	113570	3B0951223	160712			1-1737-29DR	110508
835330965	113484	3B0955531	160749			1-1737-35DR	110508
836640927	112556	4A0949101	171153			1-1737-38DR	110508
836640940	114254	4A0955651	160681	22407	113539	1-1737-39DR	110508
836662073	114254	4A0955651B	160682	2-2189	110635	1-1737-40DR	110508
836666039	113610	6N0951101	160658	2-2190	111804	1-1737-410DR	110508
836666226	113610			2-2192	112242	1-1737-411DR	110508
836666721	113610			2-2193	112313	1-1737-41DR	110508
836673290	113570			2-2242	112150	1-1737-43DR	110508
836873290	113570			2-2245	112568	1-1737-44DR	110508
				2-2246	112831	1-1737-48DR	110508
				2-2247	112564	1-1738-21DR	110508
				2-2407	113539	1-1738-42DR	110508
VAUXHALL → OPEL				1-1167-01BO	111289	1-1740-10DR	110508
				1-1282-01MO	110975	1-1740-12DR	110508
VDO				1-1293-01BO	110881	1-1740-21DR	110508
246001	160197	243007	112132	1-1315-01LU	110179	1-1740-41DR	110508
246.042	160197	308043	110207	1-1321-01LU	110968	1-1743-10DR	110508
246075	160197	420780	110207	1-1323-01LU	110968	1-1743-12DR	110508
246083002006G	160381	465929	110208	1-1329-01BO	111289	1-1743-13DR	110508
246083002014G	160382	465930	110207	1-1337-01BO	110890	1-1743-15DR	110508
		469414	110208	1-1337-01MM	110611	1-1743-17DR	110508
		845940	111528	1-1338-01BO	110890	1-1743-19DR	110508
VEMO		968372	171026	1-1338-01BO	110912	1-1743-20DR	110508
V10-08-0207	160682	968689	171025	1-1338-01MM	110912	1-1743-212DR	110508
		981189	171377	1-1341-01MM	111035	1-1743-21DR	110508
		1258016	160197	1-1343-01IK	111035	1-1743-23DR	110508
		1259832	160197	1-1343-01MM	111035	1-1743-24DR	110508
		1308719	110881	1-1347-01BO	111620	1-1743-25DR	110508
		1323488	110881	1-1353-00BO	110875	1-1743-26DR	110508
		1323912	110881	1-1353-01BO	110875	1-1743-28DR	110508
		1324957	110881	1-1353-31BO	110875	1-1743-312DR	110508
		1502272	111528	1-1353-32BO	110875	1-1743-313DR	110508
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		1578139	112742	1-1375-00LU	111185	1-1743-38DR	110508
		1578938	112742	1-1375-01LU	111185	1-1743-39DR	110508
		1607362	111528	1-1376-01LU	111185	1-1743-40DR	110508
		3205207	160197	1-1377-01LU	111184	1-1743-410DR	110508
		3477646	160197	1-1378-01LU	110179	1-1743-411DR	110508
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		4772059	113850	1-1402-01BO	110360	1-1743-43DR	110508
		4785538	113482	1-1407-01BO	110360	1-1743-48DR	110508
		4785539	113482	1-1452-01BO	111289	1-1743-49DR	110508
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1-2336-01ND	113921	2-1889-BO	112555	50-100	110436	50-9903-9	110449
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